

Sheep and Goat Raiser

The Ranchman's Magazine

20c

OCTOBER, 1954



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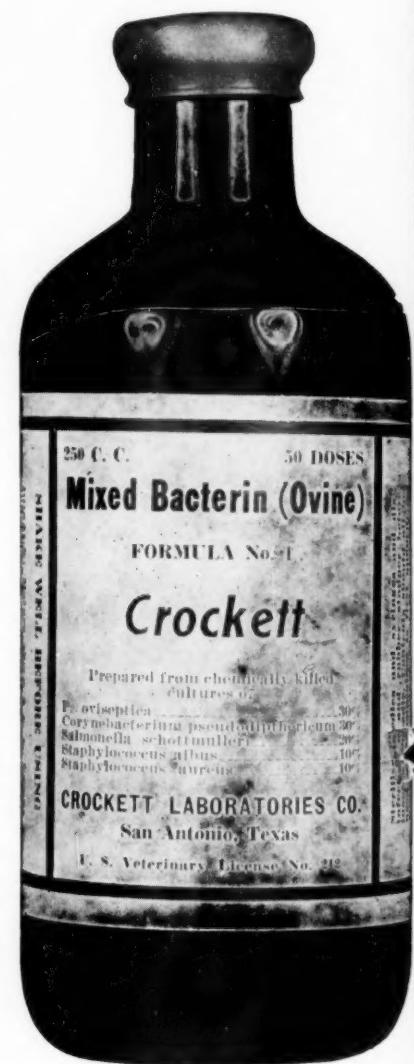
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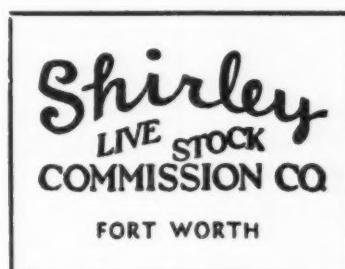
Relaxing in Comfort Today vs. Hardships of Yesteryear

The livestock men of today have a much easier time in marketing their livestock than their forefathers had because when grandpa had livestock to sell he had to drive them over-land to the North where he would find the railroads and several buyers to compete in the buying of his livestock. These over-land drives he had to make met many difficulties such as rustlers, Indians, floods, and other obstacles and no commission firm with competent salesmen to represent him after this trip of hardships was made but today his sons and grandsons are more favorably blessed because

They can relax in safety today because they can tune in to the noon-day market news report, find out how the market is, then go out into the pastures, round up, sort up, and load up either in fast moving trucks or railroads that are near-by and have their livestock on the next morning's market and can be represented on these public markets by reliable commission men, well-trained in the way to handle their livestock to net them the most total dollars.

Yes, when grandpa wanted to go somewhere on a visit he had to go either by stagecoach, buckboard, or horseback, these methods of travel would get him there but he would be pretty well worn out by the trip but the traveler of today can make the same trip in hours that it used to take grandpa weeks and months to make. Instead of dreading the trip as grandpa did, you can relax in comfort in the modern day pullman coach on the train or in the modern buses that travel our highways or if you want to get there in a hurry you can board one of the deluxe airliners that travel our skyways in complete safety and at the end of the journey in either of the above modes of travel you will be relaxed in the same manner that you will be when you put "SHIRLEY" on the way-bills of your livestock when you send them to the market and you will see why more livestock men and women continue to say

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MEMBER A. B. C.

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320 ACRES San Luis Valley Alamosa, Colorado. Irrigated. Fair Improvements. \$75.00 per acre. Write:
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Established August 1920

Member Audit Bureau of Circulation

SHEEP and GOAT RAISERS' MAGAZINE

(Absorbed by purchase May 27, 1941)

The Angora Journal

(Absorbed by purchase October 1, 1942)

OFFICE OF MAGAZINE
HOTEL CACTUS BUILDING
SAN ANGELO, TEXAS

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MRS. LUCILLE CHAPMAN, Business Mgr.

RUTH PHILLIPS, Associate

OFFICIAL ORGAN OF

Texas Sheep & Goat Raisers' Ass'n.

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Non-member subscriptions should be sent to Magazine Office direct. Dues to Association Office.

PUBLICATIONS

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2200 acres Dickens County, part of Matador, well fenced, good rolling tight land, well watered, ideal for cattle, three wells and windmills, \$27,000.00 Life Insurance Company Loan. Price \$42.50 per acre.

11,000 acre ranch about 50 miles southwest of Fredericksburg, all Live Oak divide country, with heavy turf of Buffalo and Mesquite grasses. Fenced and cross fenced with good net fencing into 10 pastures and four traps. Over 300 acres in cultivation for growing feed. Ten wells and windmills, plenty of water with large concrete storage tanks built within the last four years. Two ranch houses, numerous sheds, granaries, large barn, corrals and scales. Has REA and butane gas and is on a gravel road. Price \$50.00 an acre. One-half royalty and all lease rights go. Possession.

4,200 acres fairly level divide country 40 miles west of Kerrville, no better grass land in Texas, on paved highway, fenced net proof and well watered. Half of the royalty and all lease rights go. Out of state owner wants to sell in order to buy near his present home. Price and full particulars on request.

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6,625-acre ranch in the better sheep country south Pecos County, good rolling country, good net fencing and well watered. No bitter weed. Minerals valuable, one-half go with the deal including minerals classified. Can add 4,000 acres more adjoining if larger deal wanted. Price reduced and will sell worth the money.

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From the Association Office . . .

By ERNEST WILLIAMS
Executive Secretary

ONE OF THE items of business passed by the Directors at the Junction meeting September 18 was a motion to amend the Association's Constitution and By-Laws, dealing with amendments, the proposed amendment is printed below in bold type. It is proposed to amend Article VI, Section I to read as follows: The affairs of the Association shall be managed by a Board of Directors of not less than fifty members for the first year, and thereafter, if requested by the Board of Directors, the Association may increase the number to not more than 150; except that in the interim between Directors' meetings affairs of the Association shall be managed by the Executive Committee composed of the President, the Vice-Presidents and all past presidents, which shall be authorized to act with all the power and rights of the Board of Directors. The President, Vice-Presidents, all past presidents may be members of the Board of Directors, in addition to the number so designated.

The Executive Committee shall meet at the call of the President and a majority of the members of the Executive Committee shall constitute a quorum.

The above amendment will be presented to the annual convention in Austin, November 8 to 10, for final approval or disapproval.

ANNUAL CONVENTION

President Pfluger's plans for the convention program are practically complete. Speakers who have promised

ed to be there are Governor Allan Shivers, Assistant Secretary of Agriculture Ross Rizley, Congressman W. R. Poage, and Rilea Doe, Vice-President, Safeway Stores. Two or three more are not definitely confirmed.

Plans are made for a membership dinner — the first in many years and it is hoped that the hotel Ball Room will be filled for the occasion.

OFFICERS TO WASHINGTON

As President Pfluger mentioned in his report to the Junction meeting, he and Clayton Puckett went to Washington to confer with U. S. Department of Agriculture officials regarding the incentive support level to be set for the 1955 wool clip. At this writing (September 25) nothing definite is known, but press reports indicate that the group of grower representatives from the sheep producing states asked for a 65c per pound level.

NEW FEED LAW

You will notice in the minutes of the Junction meeting the report of the special Feed Control Law Committee. T. A. Kincaid reported that the livestock organizations at the Waco meeting approved a 10-point program for rewriting the feed control laws.

The Association has just received a draft of the proposed new bill from the Texas Farm Bureau. Good progress is being made and a completed bill should be ready for the new Legislature meeting in January.

TEXAS LAMB PROMOTION

TEXAS SHEEP growers are asked to contribute an annual payment of 2c per head on number of lambs raised toward promotion of lamb. This very worthwhile fund raising campaign is under the supervision of Jack Canning of Eden, Texas Lamb Promotion chairman. He and his committee, while meeting with fair success, report that the Texas quota has not been raised and more growers should send in their contribution.

The plan is similar to the program of other sheep growing states with the exception of those sheepmen of the Imperial Valley who are contributing 3c per head. Cattlemen are engaged in a strenuous campaign of beef promotion and are contributing 10c per head for this purpose.

The California Wool Growers Association points out in an interesting release to their growers that "Our friends, the California Sunkist grow-

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GAINS**
at
**Lower
Costs**

**PROTECT
BEEF CATTLE
and SHEEP
from
INTERNAL
PARASITES
throughout the
winter months
with**

--S-W--

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SAN ANGELO, TEXAS

Directors' Meeting

**FOURTH QUARTERLY MEETING OF THE
TEXAS SHEEP AND GOAT RAISERS' ASSOCIATION
JUNCTION, TEXAS, SEPTEMBER 18, 1954**

THE FOURTH quarterly directors meeting was called to order at 10:45 A.M. by President Pfluger. The Invocation was given by Kimble County Judge W. W. Leammons. The welcoming address was given by Sayers Farmer and the response by Penrose B. Metcalfe. President Pfluger recognized the Honorable O. C. Fisher, Honorable Coke Stevenson and several other guests.

Following directors were present:

John Alexander, R. N. Allen, Marcus Auld, W. E. Barr, Dolph Briscoe, Jr., Stanton Bundy, Jr., Earl Byrd, Jack Canning, Charles C. Canon, Jimmie Chitten, John P. Classen, Tom Collins, R. R. Coreth, W. R. Cusenberry, J. T. Davis, Merlin Davis, S. W. Dismukes, O. D. Dooley, Armer Earwood, Fred T. Earwood, Worth Evans, Albert Faltin, Sayers Farmer, Horace Fawcett, F. D. Garrison.

Alf. McD. Gilliat, Carlton Godbold, Fred W. Hall, S. A. Hartgrove, Loyd Herring, Raymond Hicks, J. Ed Hill, R. W. Hodge, C. T. Holekamp, Gay Howard, Bryan Hunt, Edwin Jackson, T. A. Kincaid, Jr., G. R. Kothmann, J. B. McCord, P. K. McIntosh, J. O. McLellan, Floyd McMullan, Jimmy Maddox, Edwin S. Mayer, Len M. Mertz, Penrose B. Metcalfe, Henry Mills, Jr., Oscar Neuhoffer, H. C. Noelke.

W. S. Orr, Rollie Peril, E. M. Peters, Carl Pfluger, Walter Pfluger, V. I. Pierce, Clayton Puckett, Felix Real, Jr., Watt Reynolds, Jr., Leo Richardson, Jimmy Rieck, Pat Rose, Jr., Joe Brown Ross, David Schmidt, E. G. Sieker, Randolph Smith, L. M. Stephens, W. T. Stewardson, Gordon Stewart, Adolf Stieler, John Treadwell, Joe VanderStucken, Ed Willoughby, Gus Witting, Ray F. Wyatt.

President Pfluger gave the following report:

"Members of the Texas Sheep and Goat Raisers' Association and friends: I am pleased to see so many of our members and friends present here today. Your presence is indicative of your interest in your industry — name-

ly the production and marketing of sheep and goats, wool and mohair.

"I have actively ranched in Kimble County for the past twenty years, and I personally feel complimented and highly honored that the Junction Chamber of Commerce and Kimble County Directors of our Association invited us to Junction for our Fourth Quarterly Meeting during my tenure of office as President.

"The period following our Alpine meeting has been rather a busy one, and I will review briefly the happenings since the meeting in June.

"I. At the Alpine meeting the directors approved the official sign for our organization. This sign is available to all members in good standing on a rental basis for a flat charge of \$1.50. These signs may be obtained through your warehouse or by writing direct to the Association's office in San Angelo.

"II. Ernest Williams, Executive Secretary, and I attended both the Executive Committee meeting of the National Wool Growers and the American Wool Council meeting in Flagstaff, Arizona, during July.

"Besides the business of finances and other routine matters, the Constitution and By-Laws of the American Wool Council was amended to allow a seat on the Council representing the Texas Wool Warehouses. I suggest that the Warehouse Com-

tee select someone to represent them.

"III. Wool Promotion . . . The Third Miss Wool Contest, sponsored by the Woman's Auxiliary, was held in San Angelo on September 3rd. Over 2,000 people attended the Wool Show, and the crowning of Miss Sarah Belcia of San Antonio, Texas as Miss Wool of 1954-1955 was the highlight of this program. The Advertising Club of San Angelo has agreed to handle the publicity of Miss Wool as its project for the coming year. We are grateful to the Ad Club and the Board of City Development of San Angelo for their time, money and support in making our Miss Wool promotion project a success.

"IV. The Incentive Wool Bill . . . (1) The Incentive Wool Bill has been passed and becomes operative in April 1955. Some of the main features of this Bill are:

(a) Wool and Mohair will be supported by a subsidy payment to the grower out of 70% duties collected on foreign wool.

(b) The Incentive price support level to be set by the Secretary of Agriculture after consultations with representatives of the industry. Mr. Clayton Puckett and I have been invited to attend this conference on September 23rd. The price level is to be high enough but not to exceed 110% parity, to encourage the eventual production of 300,000,000 lbs. of shorn wool annually.

(c) The wool will not go into a loan but will be sold in the open market at whatever price the grower can get a buyer to pay for his wool. Then the grower will receive a subsidy payment at the end of the marketing year if the average price of all wool sold in the United States is below the support price. This payment will be on the same percentage basis to all growers.

(d) Mohair will be supported on a basis of not less than 15% of the support price of wool. In other words if wool is supported at 100% parity, mohair will have to be supported at not less than 85% of parity.

(e) The Wool Program will be in effect for the years 1955, 1956, 1957, 1958.

(f) The Wool Bill also provides that the Secretary of Agriculture may enter into an agreement with the industry for a program of promotion and advertising of wool, mohair, and lambs. Such a program must be approved by two-thirds of the growers, or growers who produce two-thirds of the wool in a special referendum. If approved by the growers, a deduction will be made from the Incentive payment to finance the promotion and advertising of the industry's product.

"V. Lamb Promotion . . . The National Lamb Promotion Program was put into operation in July. Jack Canning attended the National Lamb Committee meeting in Flagstaff, Arizona. At that time \$18,000 from the Growers Association and \$27,000 from the National Livestock Meat Board, making a total of \$45,000, was turned over to the Committee. Texas' quota is \$5,520, of which we have paid one-half, or \$2,760. We are still receiving good co-operation from the Fort Worth Commission firms, various sales rings, and order buyers. Many of the members have

SHEEP & GOAT RAISER

mailed in their checks for 2c. per head on lamb raised, but we still need about \$2,000 to meet our quota. I urge all of you to send your check in to the Association office if you have not done so.

"VI. Labor . . . Apparently everything is going along very well with the processing of Mexican Nationals. In July we became alarmed over Senate Bills 3660 - 3661. These bills make it illegal and subject to prosecution for an employer to use Mexican aliens illegally in this country and the confiscation of vehicles that might transport these men from one ranch to another. Mr. Willie B. Wilson appeared before the Senate Judiciary Sub-Committee on Immigration and Naturalization in opposition to these bills. The bills did not get out of the Senate before adjournment.

"VII. At long-last, we have an agreement with the Texas and Southwest Cattle Raisers' Association on the re-employment of Charles Stewart as Traffic Counsel. Our prorata cost beginning September 1, 1954, will be \$1,500 per year. This service is very essential to all our growers and warehouse people.

"VIII. Sheep and Goat Improvement Program . . . I was instructed by resolution at the Alpine meeting to appoint the Sheep and Goat Improvement Committee. This committee was appointed and met at Sonora, Texas, in August with representatives from the A & M College System.

"A definite program was drawn up and submitted to A & M College for their approval. The College representatives have also been working on a program to cover the whole field of ranch operations which is called their 7-point program and includes Range Management, as well as culling, selecting and breeding of sheep and goats — and the proper shearing and preparation of wool and mohair.

"At this time, plans have not been finalized but I hope that a constructive program will be in operation before long.

"IX. The location of the Wool Scouring Plant was taken under advisement by the Executive Committee, on September 3rd at San Angelo, and it was voted unanimously to recommend to the A & M College officials that the plant be located at Sonora or Junction, preferably Sonora.

"X. Drouth . . . The drouth is

THE DIRECTORS' BARBECUE

Approximately 900 ranch folk were entertained on the beautiful grounds of Texas A & M College Adjunct on the South Llano River near Junction as part of the program of the Directors' meeting of the Texas Sheep and Goat Raisers' Association, September 18.



CROWD

In the background is shown part of the ranch crowd gathered for the barbecue. In the foreground is Tom Collins of Sterling City who patiently waited for the picture.

KIMBLE COUNTY HOST TO DIRECTORS

TEN KIMBLE County ranchmen are on the Board of Directors of the Texas Sheep and Goat Raisers' Association, and all were on hand to greet the visitors on the 17th and 18th of September. They are: Stanton Bundy, Jr., K. Cowser, David Schmidt, Gus A. Witting, Jr., Gordon Stewart, Ray Ridenhower, G. R. Kothmann, C. T. Holekamp, James P. Rieck, and Sayers Farmer.

Gordon Stewart headed the arrangements for the meeting of the directors, while Mrs. C. T. Holekamp was chairman for the Auxiliary. Sayers Farmer gave the address of welcome and many other Kimble County citizens worked on the event.

still with us, and most of the area East of Highway 83, which runs North and South through Junction, has been declared a disaster area and subject to drouth relief aid.

"The program this year is a far departure from the highly satisfactory drouth program of 1953. Instead of receiving grains, oats, corn, etc., at a fixed price, the livestock operator receives a voucher worth 60c. per hundred or \$12.00 per ton. This still makes most feed cost from \$60 to \$70 per ton. The cost is prohibitive and the end result will be that the producer will go bankrupt or be forced to liquidate his entire flock or herd.

"I would like to see this group go on record disapproving the present program and requesting that drouth-stricken areas be given a program similar to last year's.

"However, if you approve the present subsidy program, then I would like to see you favor increasing the subsidy from 60c. per hundred to \$1.20 per hundred, and further provide that fixed handling charges be set; also that FHA provide more liberal loans and to extend over a five-year or more period.

"In conclusion, I would like to again express my thanks to you for the fine attendance and sincere interest manifested in the promotion of our industry."

Secretary Williams reported that the quarter June 1 through August 31 was the first of this year in which receipts exceeded expenditures, there being an excess of receipts over disbursements of \$4,666.89 for the quarter; but, with the loss of the first two quarters, there was a net gain in receipts a little less than \$1,000.00 since last November 1. He said that a complete and detailed report would be given at the annual convention.

Jack Canning, Chairman of Lamb Committee, urged all Association members to contribute their 2c. per head for Lamb Promotion and men-

tioned that the National Lamb Promotion Committee had hired a field man, Mr. Cy Cress of Denver, who is now trying to get the program underway.

Wally Hodge, Chairman of Labor Committee, had no report.

Fred Earwood, Chairman of Wool Marketing Committee and Sheep and Goat Improvement Committee, reported considerable discussion but no resolutions to be presented on Wool Marketing, stating though that there was a rather dull wool and mohair market. He expected it to improve. He reported that the Wool, Sheep and Goat Improvement program was progressing nicely.

Horace Fawcett, Chairman, Tax and Legislative Committee, emphasized the importance of the new Income Tax law to all ranchmen and suggested that all who had not done so should make a contribution to the National Livestock Tax Committee.

There was no report from the Livestock Theft Committee.

Joe Brown Ross, acting chairman, College Research and Extension Committee, had no report but asked for a report from Dr. Patterson concerning a request made at the Alpine meeting for a range carrying capacity experiment on goats. Dr. Patterson reported that no specific action had been taken.

Penrose Metcalfe, Chairman, Membership Committee, recommended (1) that the association office send out a semi-monthly news letter to local and county newspaper and radio stations, (2) that letters soliciting membership be sent to individual growers in one area as a trial, (3) that organized groups of local growers in weak areas call on the warehouses to collect dues, and that (4) meetings of growers be held in various areas to inform them on some of the accomplishments of the association.

Adolph Stieler made a report for
(Continued on page 10)

A TABLE OF RANCH FOLK

Left to right are: Mrs. E. S. Mayer, Sonora, and her daughter, Mrs. Norman Roussalot; Mrs. Conrad Holekamp, at whose home some of the functions of the Woman's Auxiliary were held; Mrs. Jack Winn, Junction; Mrs. Alfred Bannowsky, Cleo; Mrs. Charley McCarroll; Sue Beth Bannowsky; and Mrs. Chester Bannowsky, Junction.

Near the camera are shown Mr. and Mrs. Pierce Hoggett of Kerrville who were a big assist to the Junction folk in arranging for the barbecue event. To his left are Mrs. Rankin Lynn, Mountain Home; and Mrs. Adam Wilson, Jr., Hunt; Mrs. Fordtran Johnston, Junction; Miss Lejota Lynn, Mountain Home; Rankin Lynn, Mountain Home; and Mrs. A. McD. Gilliat of Boerne.

Mr. and Mrs. Robert Neal of Junction enjoy watching Stanton Bundy, Jr. hand ice cream to his children. Mrs. Bundy, Jr. is shown holding one of the cups. Young Stan is hiding behind her and Margaret is already eating. Next is E. A. McCollum, London, and Terry Jetton of Junction.

At the head of the table is Mrs. Gus Witting, Jr., and from left around the table are Mrs. Vernon Jones, Mrs. Aubrey Hill, Mrs. Wright Hallfrich, Austin, daughter of Mr. and Mrs. Stanton Bundy; Mrs. Guy Sieker, Menard; and Robert Sieker, Kerrville; Mrs. J. M. Livingston, Junction; Mrs. Stanton Bundy, Mrs. Ed Allen and Mrs. Sayers Farmer. Unless otherwise noted, all are of Junction.

Pete Schmidt, Mason, discusses events with Jordan Cunningham, President of Junction National Bank. Mr. Schmidt is a well-known ranchman of Mason County and has been buying quite a few Angora goats recently.



Directors' Meet

(Continued from page 9)

the Predatory Animal Committee and stated that he had been having trouble in getting government trappers. It was mentioned that the Legislative Committee would meet later to discuss possibilities of getting a new dog law.

Ed Hill, Chairman of Warehouse and Dues Committee, had no report.

T. A. Kincaid reported for Special Committee appointed by President Pfluger to work with state officials for revision of feed control laws. He told of the 10-point program which

resulted from a meeting at Waco a couple of weeks before and stated that all livestock organizations as well as others were united in getting a new feed control law under the sponsorship of the Texas Farm Bureau.

President Pfluger mentioned that he would be in Washington next week and asked if the present drought program was satisfactory or should there be a return to last year's program, or an increase in the government feed payments. It was moved by Penrose Metcalfe, seconded by Vic Pierce and voted that the government return to the last year's drought relief program and that all cotton seed products should be tagged as to their protein content. Congressman Fisher stated that he doubted if the Administration would change the

program this late, but that he would be glad to do what he could to get the change made.

President Pfluger reported that the American Rambouillet Sheep Breeders Association had held a special meeting with Dr. J. C. Miller, Texas A & M College, regarding the Sheep and Goat Improvement program and introduced Jack Taylor, Association Secretary. Mr. Taylor reported that over 60% of the association's members lived in Texas and on behalf of the Association offered their members' services to the Sheep and Goat Improvement Committee until such time as the committee had trained personnel.

Report of the Traffic Committee was given by Charles Stewart of the Traffic Counsel who reported a discussion of all freight rates by the committee.

Henry Mills, President, Soil Conservation of District Supervisors Association, asked Congressman Fisher if he knew the mission of the committee which would meet with the Secretary of Agriculture in Washington on September 29. Mr. Fisher did not.

Vic Pierce asked if the Advisory Committee's recommendation for location of the scouring plant was to be brought up before the Directors. He thought that it should be located in San Angelo or a part of the country where it could core-test wool. President Pfluger read the motion passed in Alpine which authorized him to appoint a committee to recommend to the A & M College System a location for the wool scouring plant. Joe Brown Ross moved and Jimmie Rieck seconded that the Directors approve the recommendation of the Advisory Committee as to the location of the scouring plant. And considerable discussion followed. Wally Hodge stated that the question was considered for several hours and it was the final opinion of the committee that it should be either in Sonora or Junction, as either of these towns was closer to the wool and mohair producing areas. Vic Pierce offered as a substitute motion and Leo Richardson seconded that the location of the scouring plant be brought up at the annual convention in Austin for a decision. With only Directors voting, the substitute motion was defeated 38-19. The original motion to back up the recommendation of the Advisory Committee was passed. The statement was made by Wally Hodge that for a number of years the President has had as an Advisory Committee the two Vice-Presidents and all past presidents, but that this committee had been in an advisory capacity only with no official status and that there were many occasions between meetings of the Board of Directors when the President must make decisions and needed the official approval or disapproval of an Executive Committee.

The following motion was offered by Wally Hodge and seconded by Sayers Farmer as an amendment to the Constitution and By-Laws of the Association to be voted on by the membership at the annual convention in Austin on November 8-10:

"(1) That the Constitution and By-Laws of the Texas Sheep and Goat Raisers' Association be amended to provide that the President, Vice-Pres-

idents, and past presidents of the Texas Sheep and Goat Raisers' Association shall constitute the Executive Committee of the Texas Sheep and Goat Raisers' Association and be authorized to act with all the power and rights of the Board of Directors in the interim between quarterly meetings of the Directors of the Texas Sheep and Goat Raisers' Association. (2) The Executive Committee shall meet at the call of the President. (3) A majority of the members of the Executive Committee shall constitute a quorum." The motion carried.

President Pfluger announced that cured leg of lamb could now be purchased at grocery stores.

J. B. McCord, Chairman of the Resolution Committee, read the following resolutions:

"It becomes our sad duty to record the passing of Dolph Briscoe, Sr., a sincere friend and supporter of this Association and owner of one of those warehouses on which this Association depends so much for its financial well being. We extend deep and heartfelt sympathy and understanding to Mr. Briscoe's family."

"As we reach the close of a very successful and enjoyable meeting, it is our great pleasure to say thank you to the Junction Chamber of Commerce and community for the very sincere welcome and hospitality extended us. It will be long remembered."

Mr. McCord moved that we adopt these resolutions and it was seconded by Wally Hodge. The motion carried.

President Pfluger reminded everyone about the annual convention to be held in Austin on November 8, 9, and 10 at the Stephen F. Austin Hotel. He stated Governor Shivers, Assistant Secretary Ross Rizley, Congressman Bob Poage, and a number of others were to be on the program.

There was no further business and the meeting was adjourned at 12:55 P.M., Saturday, September 18, 1954.

Adolph Stieler has purchased some 2,000 head of lambs and yearling muttons in the Fredericksburg and Kerrville areas for transfer to his Sierra Blanca ranch. The average price paid for the Delaine-Corriedale cross lambs, which averaged around 60 lbs., was approximately 13c. Most of the lambs were purchased through the auction ring.

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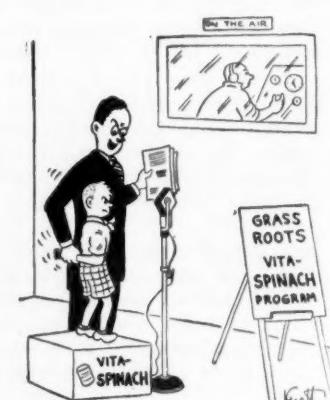
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The Association and What It Is Doing

EDITORIAL

IT IS quite refreshing to those who are doing the work to receive encouragement in the form of praise or a word that the job is being done satisfactorily. Oftimes these pats on the back are few and far between.

The Texas Sheep and Goat Raisers' Association, however, in the face of very definite and serious difficulties, has been making good progress in many fields of endeavor for the industry promoting the welfare of the growers who compose it. In legislative work in Washington designed to protect the growers from strangulation by cheaply grown imported wools, the Association has been successful.

Without a doubt also the new wool program is an achievement which should be beneficial to the industry. The procurement of this program is indicative of much detailed and thoughtful work, for, as those who have been keeping up with the industry and its troubles, know, without a great deal of effort the wool industry, and the mohair industry too, could have been left with no protection whatever, and foreign wools could have been released on the domestic market without any restrictions — a sure death blow.

There are many men of influence in Washington who feel that this would not have been a regrettable event as these many have felt all along that the domestic demands should be satisfied by cheap imported raw and finished products.

In Washington, too, the Association has been active in supporting the mohair industry along with the wool industry and had it not been for the good offices of Representative O. C. Fisher and his colleague, Bob Poague of Waco, it is quite definite that the mohair industry would have been left out of the forthcoming wool program. That would have been a blow most disastrous. It was through the intercession of and consistent alertness of the Texas Sheep and Goat Raisers'

Association that this recognition was given the domestic mohair industry.

All livestock men, not only in this state but throughout the nation, owe the livestock associations a debt of gratitude for the splendid work of the National Livestock Tax Committee whose functions have been and are to protect the industry in income tax matters. The informed grower realizes and admits that the work of his committee has saved the industry countless thousands of dollars; has saved some livestock men from going out of business and will reflect to the benefit of every producer for many years in the future. It is likely that no grower will ever pay more than a small fraction of his saving in income tax as dues to his livestock organization. The livestock tax work as a part of the Texas Sheep and Goat Raisers' Association was initiated by members and spread throughout the country.

The work of the Association in advertising wool has taken several forms. In Texas, the Association sponsored the "Miss Wool" program which has brought wide recognition to the Texas wool industry. It has furthermore supported by its payments to the Wool Bureau, Inc., the nation-wide advertising campaign for wool. The growers' money pays its part in the consumer advertising program recently initiated.

The lamb advertising program is just getting under way with the growers asked to participate and cooperate by paying two cents a lamb upon sale as a part of the cost of conducting such an advertising program.

Only those working with the Association and the growers who make it a point to inform themselves either by reading the reports or attending the meetings of the growers can realize how widely the Association spreads its activities. In addition to national legislation efforts which have consumed so much of the funds and the time of the leaders, wool advertising, and national tax matters, the organization has been active in its work in the Mexican labor problems. It has initiated and is now promoting a complete revision of the antiquated Texas feed laws. A re-writing of the existing feed laws has been long overdue and necessary in order that the ranchmen may be adequately protected.

The Association is sponsoring a state-wide dog law in order that growers may have some protection from the roving dog and recourse upon its owner should depredation occur.

The Association is sponsoring research activities, and works hand in hand with the Experiment Stations such as that at Sub-Station 14 near Sonora. For instance it is urging the increased use of state wool scouring facilities and a wide dissemination of technical and general information on wool.

The Association is promoting a wool and mohair improvement program and plans in the making at this

time indicate that this may be one of the most significant of all recent Association projects.

These are only a few of the activities and objectives of the Texas Sheep and Goat Raisers' Association. Just as the season's change brings new problems to the ranchman's work, so does the passing time bring new problems to the Association's attention.

The Texas wool and mohair growers are asked and most are paying the voluntary contribution of 25¢ a bag of wool and mohair produced to support the work of the organization. None of the Association officials with the exception of the paid Secretary and his assistant, receive any pay for the many days of time they must spend upon Association work. The membership of very few organizations of agriculture are asked to contribute so little in proportion to amount invested in their livelihood to support their Association. Seldom does a ranchman spend so little and receive such wide and far reaching benefits. All ranchmen have received, for instance, benefit from income tax concessions which likely would pay their lifetime's association dues many times over, which concessions they undoubtedly would not have received had it not been for the work of their representatives.

It is hardly likely that any organization representing free people in an independent nation can operate without the criticism of the disgruntled, the uninformed, or the plain non-cooperator. It is quite likely that critics would become staunch friends and supporters of the Association if they would do three things: **first**, visit the Association office and discuss the work with one or more of the officials; **second**, attend two or more of the directors' meetings and one of the annual meetings; **third**, read the *Sheep and Goat Raiser* magazine reports with an open mind regarding the activities of the Association.

The grower is quite fortunate that he has in his industry men who are financially able and generous enough to devote a great deal of their time and money in behalf of the industry. Most growers are not financially able to leave their ranch work to make trips to Washington or elsewhere on Association work. Unselfish ranchmen do make such contributions to the industry. Each grower should recognize this generosity without which the Association could not exist, could not function properly without a material increase in dues over the very modest schedule of today.

CATTLE IMPORT COSTS TO BE HIGHER

IT HAS been estimated that the cost of importation of Mexican cattle into this country after the border is reopened December 31, this year, will be slightly higher than previous estimates and that there is a possibility that the importation date will be set ahead.

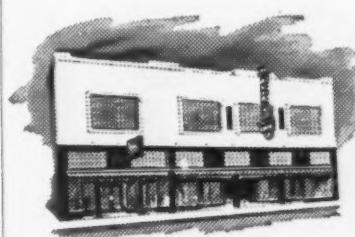
The cost per cwt. for importing a 200- to 400-pound cow in a herd of 500 or more is figured at about \$5.85; while the importation cost for a 440- to 700-pound cow is estimated at \$4.75 per cwt.

The cattle are expected to be in good condition.



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SAN ANGELO, TEXAS



MISS WOOL AWARD

MISS WOOL, Sarah Belcia of San Antonio, is presented the keys of a new Corvette on the stage of the San Angelo City Auditorium just after she was named winner of the Miss Wool Contest for 1954. Surrounding her and Tom Watson, District Sales Manager of the Chevrolet Company, are the finalists in the Miss Wool Contest, from left to right: Miss Margaret Preston, Cleburne; Miss Carolyn Gandy, San Antonio; Miss Gaylyn Baker, Cleburne; Miss Mary Jo Forman, Ballinger; Miss Priscilla Harvey, Cleburne; Miss Barbara Stein, Baytown; Miss Wool; Miss Grayce LaVelle Harkey, Mason; Miss Shari Lynn West, San Angelo; Miss Di Ann Boulware, Cleburne; Miss Margaret Wood, Breckenridge.

PARADE

MANY PEOPLE saw Miss Wool as she paraded down the streets of San Angelo on Saturday, September 4. She will be featured in many such parades during the forthcoming year.

Miss Sarah Belcia of San Antonio Selected Miss Wool of 1954

MISS SARAH BELCIA, San Antonio, was crowned Miss Wool of 1954. She was chosen from eleven finalists throughout the state by a committee of four judges who agreed that Miss Belcia with her beauty and charm could best represent wool for the forthcoming year.

The judges for the event included Max Schmitt, President of the Wool Bureau, Inc. of New York; Franklin Mainous, Texas Representative of Pendleton Mills of Portland, Oregon; Jack Boerner, Buyer and Manager of Fabric Department, Frost Bros., San Antonio; and Robert V. Haigler, Vice-President, of the Colorado Wool Growers, Monte Vista, Colorado.

The impressive fashion review held in the San Angelo City Auditorium the night of September 3rd preceded

the announcement of Miss Wool's selection. The eleven models who were the finalists in the contest displayed the 33-piece all-wool wardrobe valued at several thousand dollars. Approximately 2,000 people viewed the interesting and attractive display.

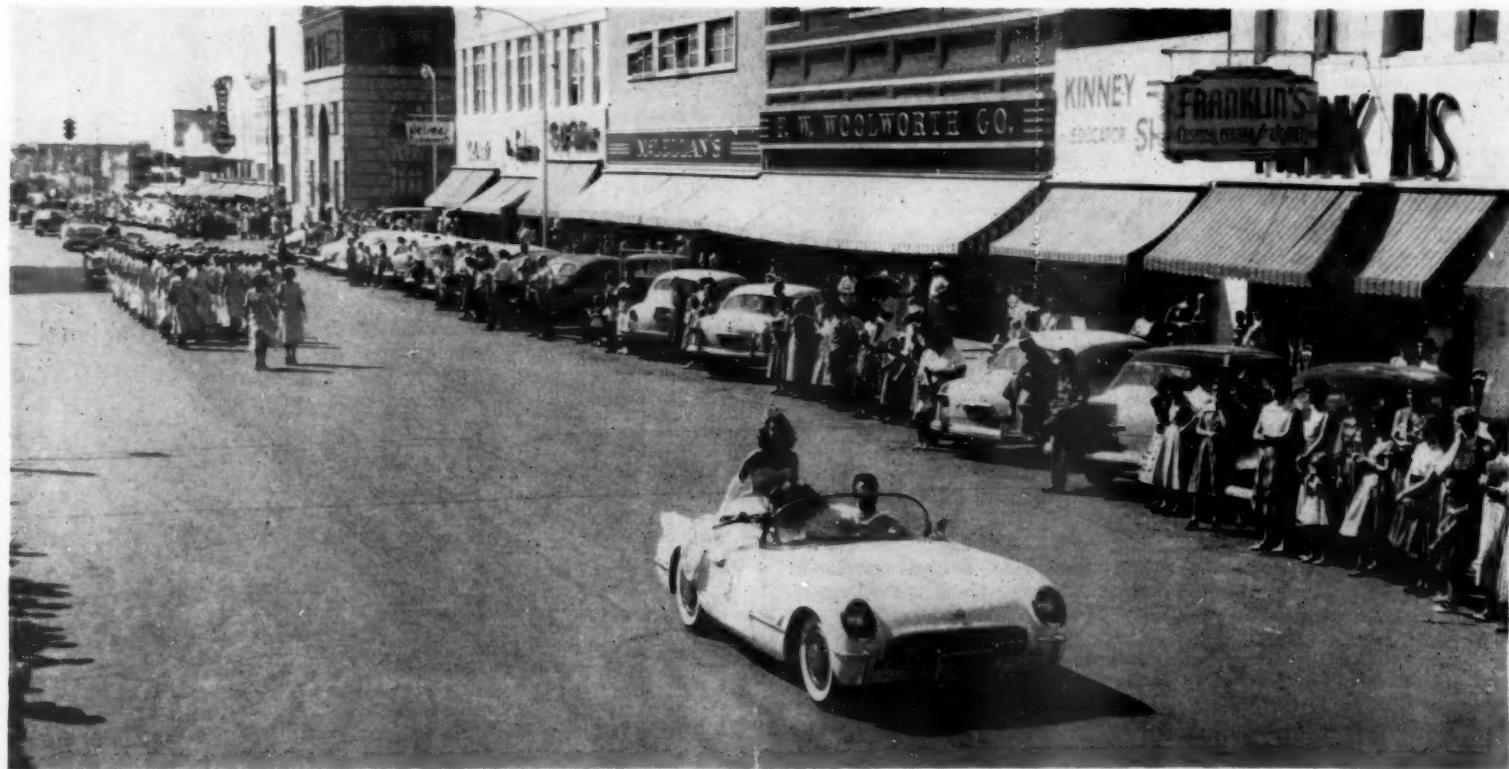
The third Miss Wool Contest was a part of a three-day fiesta staged in San Angelo and was under the supervision of the San Angelo Board of City Development, and the review was staged at its expense and under its direction. The merchants of San Angelo featured the three-day event by window displays and some participated in the Miss Wool parade which was held on Saturday, September 4th at 10:00 A.M.

Governor Allan Shivers, upon the request of the sheepmen, designated

August 30 to Sept. 4 as Wool Week.

Miss Wool was honored at an informal reception after the fashion review. At the reception she met the civic leaders of San Angelo and West Texas leaders of the Texas Sheep and Goat Raisers' Association and members of the Woman's Auxiliary. She and the ten other finalists were accorded a most friendly welcome.

The Wool Promotion Committee of the Woman's Auxiliary, under whose sponsorship most of the work was done, consisted of the following women: Mrs. Ernest Williams, Mrs. H. C. Noelke, Sr., Mrs. Edwin Mayer, Mrs. Walter Pfleger, Mrs. Willie B. Wilson, Mrs. C. T. Holekamp, Mrs. Scott Hartgrove, Mrs. John Alexander, President of the Auxiliary, and Mrs. Steve Stumberg.





MISS WOOL models two exceptional numbers of her 33-piece all-wool wardrobe which she won when she was named winner of the Miss Wool Contest.



Minutes of Woman's Auxiliary Meeting at Junction, Sept. 18

THE THIRD quarterly meeting of the Woman's Auxiliary to the TS&GRA was held in Junction on Sept. 17 and 18. A very delightful coffee was given at 9:00 A.M. at the home of Mrs. C. T. Holekamp, assisted by several of the Auxiliary members of the Junction vicinity. The general meeting followed at the County Court Room at 10:30 A.M., at which time the president, Mrs. John Alexander of Cherokee, called the meeting to order.

Mrs. E. G. Sieker of Menard gave the invocation. Mrs. Stanton Bundy of Junction welcomed the Auxiliary. Mrs. Richard Spencer of San Antonio responded, after being introduced by Mrs. R. P. Smith Jr., of Fredericksburg, program chairman.

The minutes of the June meeting held in Alpine were read and approved.

Communications were read from Mary Jo Forman of Ballinger and Priscilla Harvey of Cleburne, contestants in the Miss Wool Contest, voicing appreciation, also an acknowledgment from Mrs. S. M. Harwick of Ozona of a sympathy card. Mrs. Tom Kingsbery, Santa Anna, Texas, sent a quarterly report, as secretary, to the Auxiliary of the Coleman County Breeder-Feeder Assn. and Auxiliary to the TS&GRA relative to the July 26 meeting these two Auxiliaries held in conjunction, at Coleman.

The report of Mrs. R. M. Thomson, Jr., treasurer, who was absent, was read, showing a balance on hand as of Sept. 1, 1954, of \$1103.88.

"Miss Wool," Sarah Belcia of 1835 W. Summit, San Antonio, was present and was introduced. She responded with a short talk, and the Auxiliary members were delighted to see and hear her.

Reports of the various committee chairmen were heard.

Mrs. Lloyd Herring of Ballinger called attention to the Chevrolet Corvette "Miss Wool" is driving as being the result of the interest shown by the Ballinger membership. As Education Chairman she also called attention to booklets, films, etc., she has and can secure for use in programs, etc., by members over the state.

Mrs. E. G. Sieker reported "Lamb Stickers" in her possession for members wanting them.

The committee working on membership reported 240 letters out, with 61 names added to the membership list due to these letters. It was decided that new members received at this time will be credited with 1955 dues.

Mrs. Clayton Puckett reported on the activities of the Pecos County Auxiliary to the TS&GRA. This Auxiliary has been stressing the teaching of children to know "When Pets Can Become A Nuisance."

Mrs. R. P. Smith, Jr., reported an attendance of over 300 at the evening Style Show held in Kerrville on Aug. 29 by the Hill Country Chapter to

the TS&GRA Auxiliary. Miss Wool of 1953 made her last appearance at this Style Show, and incidentally her first appearance after winning the contest was also in Kerrville.

Mrs. Worth Evans made a motion that a bill for \$90 for accessories for our new "Miss Wool" be paid by the Auxiliary. This was seconded by Mrs. S. Farmer, and carried. Miss Wool is still in need of accessories such as costume jewelry, shoes and handbags.

Attention was called to the full page ad in the Weekly Livestock Reporter of Thursday, Sept. 9, 1954, in which the Shirley Live Stock Commission Co. makes the following statement: "Attention Good Food Eaters. We are happy to tell you that you can now obtain the 'Cured Leg O' Lamb' from your local meat market. Tell him he can get them from his Swift & Co. salesman, who can also supply the store with any cuts of lamb he wants." Mr. Clint Shirley also reports that other packing houses are making inquiries relative to participation in this "Eat More Lamb Program," which the Auxiliary started the past year under Mrs. Alexander and Mr. Shirley.

Mrs. R. M. Thomson, Jr., of Austin was appointed assistant program chairman for the annual meeting which will be held in Austin Nov. 8, 9 and 10, with headquarters at Hotel Stephen A. Foster.

Mrs. Earl Barr, Ballinger, Mrs. J. O. McLaren, San Marcos, and Mrs. E. G. Sieker, Menard, were named as a nominating committee and approved.

Mrs. John Alexander, president, thanked the Junction members for the lovely corsage she was wearing.

The following resolution was read by Mrs. Rochette Coreth, who with Mrs. Worth Evans and Mrs. W. Reynolds were the committee:

"We wish to thank the following for the most enjoyable time at the quarterly meeting held in Junction, Texas, on Sept. 17th and 18th: the directors and their wives and friends of the TS&GRA for the cocktail supper dance; Mrs. C. T. Holekamp, assisted by members of our Auxiliary for the lovely coffee at her home; and the directors and friends of the Association for the barbecue given at noon.

"Our Auxiliary wishes to extend sympathy to the family of Mrs. Glenn Allison, who was one of our members."

MISS WOOL OF 1953 MARRIES

MISS KATHRYN GROMATZKY, Miss Wool of 1953, was married to Edward Franklin Houser of Dallas, September 5. The couple will make their home in Dallas, where Mr. Houser is attending Southwestern Medical School and Mrs. Houser is employed by the Dallas Council on World Affairs.

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A GOOD BUY — of interest to the livestock industry. THE AMERICAN CATTLE PRODUCER, 515 Cooper Building, Denver, Colorado. Range problems, Association notes, Washington items, market reports, and letters of comment from fellow ranchers. \$2.00 a year, sample copy 20 cents.

GLEANINGS IN BEE CULTURE, a wonderful 64-page illustrated magazine devoted entirely to beekeeping and its allied subjects. It has the largest number of readers of any beekeeping magazine. Subscription price per year \$2.00, one year \$3.50, three years \$5.00. Mail Orders to GLEANINGS IN BEE CULTURE, Medina, Ohio.

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**SOCIAL SECURITY****Benefits to Farmers
And Their Families**

CHANCES ARE that you and your family — whether you operate a farm or are a hired hand — will be covered by federal Social Security next year. You will be required to pay a tax during working years, and will become eligible for monthly payments after retirement, if . . .

(1) Your net income as a farm operator totals \$400 or more per year.

(2) You earn as a farm worker \$100 per year or more from one employer.

Congress acted in the last minutes of the recent session to bring Social Security insurance coverage for the first time to some 3½ million farm operators. Approximately 2 million farm workers, who have not qualified in the past, will now be covered — or about 5 in every 6 hired hands who work on farms, even part time. Only

Average monthly in- come or wage	Monthly benefit	Wife & husband	Survivor Benefits		
			One Survivor	Widow & 1 child	Widow & 2 children
\$ 45	\$ 30.00	\$ 45.00	\$ 30.00	\$ 45.00	\$ 50.20
100	55.00	82.50	41.30	82.60	82.60
150	68.50	102.80	51.40	102.80	120.00
200	78.50	117.80	58.90	117.80	157.10
250	88.50	132.80	66.40	132.80	177.20
300	98.50	147.80	73.90	147.80	197.10
350	108.50	162.80	81.40	161.80	200.00

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SHEEP & GOAT RAISER

about 1 of 4 farm workers has been eligible in the past.

Scale of benefits will be the same whether you are a farm operator or worker: Monthly payments, after age 65, and if you retire, ranging from \$30 to \$108.50; lump sum payment to your family upon your death of \$90 to \$255; additional benefits for your wife or widow, and children under 18, up to a family maximum of \$200 per month.

Benefits are to vary depending on how much you earn during working years, and pay into the Social Security fund. In establishing your average income for future payments, you will be allowed to drop out at least 4 years of lowest income — including years you may have had no income at all. Herewith is a tabulation that tells you where you will stand.

Here is what you pay for the insurance, if you are a farm operator: 3% tax on net income up to \$4,200 per year. Income above this amount won't be taxed for Social Security purposes. Thus, the maximum tax payment, annually, will be \$126.

You will start paying your tax on next year's income. However, it won't come due until you make out your income tax return early in 1956.

A special provision in the law per-

**Wool Growers
Visit Australia,
New Zealand**

SEVERAL prominent wool growers of this nation with a representative of the U. S. Department of Agriculture left in September from San Francisco to tour the wool producing areas, research and marketing centers of Australia and New Zealand.

The inspection trip is designed to study the wool growing and marketing procedures in the two "down under" nations. The growers will submit a report to the National Wool Growers' Association in its Salt Lake City, Utah, convention, December 7-10. The tour is scheduled to end in the United States on November 10.

Steve L. Stumberg, Sanderson, Texas, a member of the Executive Committee and of the Board of Directors of the Wool Bureau, New York, and a past president of the Texas Sheep and Goat Raisers' Association, represents Texas on the tour. Others attending from the United States are: Chandler B. Church, Elko, Nevada, president of the Nevada Wool Growers Association; Carl Nadasdy, Minneapolis, Minnesota, general manager of the Cooperative Wool Growers of South Dakota and Minnesota; S. P. Arbios, Stockton, California, vice-president of the National Wool Growers Association; Angus McIntosh, Las Animas, Colorado, past president of the Colorado Wool Growers Association; Paul A. Getz, Columbus, Ohio, secretary and general manager of the Ohio Wool Growers Cooperative Association; and Walter L. Hodde, marketing specialist, Farmer Cooperative Service of the U. S. Department of Agriculture.

mits you extra leeway in figuring your Social Security payment — if you pay taxes on a cash basis, and your gross income (income before farm expenses are paid) is \$1,800 or less per year. In this case, you can pay your 3% tax either on your actual net income (income after expenses) or on one-half of your gross income.

That takes care of your personal investment in Social Security. You must ante additional money into your fund, however, if you have hired hands whom you pay \$100 or more per year. You will be taxed 2% on their wages, and they will be required to pay a similar amount — to be deducted from their wages. Whether these payments on wages are to be paid annually or quarterly has not yet been decided in Washington.

It is a fair bet that your seasonal and part-time help will qualify for coverage in the future, if they have not in the past.

Keep this in mind if you are a hired hand: You must earn at least \$100 per year from one employer to qualify for Social Security coverage. Earnings of \$75 from one employer, for example, and an equal amount from another, will not count. If you earn \$100 from one employer, however, and \$150 from another, both of them are required to report your earnings — and you will get credit on the total amount.

Whether farm tenants and sharecroppers are to be classed under Social Security as "self-employed farm operators" or farm workers, say officials, just depends.

If you rent or lease land, they point out, "for either money rent or any other kind of rent, and farm it as your own," then you will be classed as an operator — and pay the 3% Social Security tax. On the other hand, if the landlord pays you a share of the crop, or proceeds from it, you will be considered a farm worker. In this case, a 2% tax will be deducted from your pay, with the landlord also taxed 2% of your wages.

Anyone covered by Social Security may receive income after retirement, and still get full benefit payments. The general point to remember is this: Only a limited amount of income may be earned, but any amount can be unearned.

Your Social Security payments will be reduced, after retirement, if you receive \$1200 or more per year from your work — for instance, if you contribute "substantial services" to the operation of your farm. You can get



"Do I look like a crow?"

a manager for your farm, on the other hand, draw any amount of profits from it, and receive full Social Security benefits. You can also receive income from dividends, annuities, by clipping coupons, etc., without reduction of benefit payments. (After age 72 you can receive any amount of income, earned or otherwise, without Social Security loss.)

Farmers already 65 and retired, or about to retire, must do this to qualify for payments: Work at least 1½ years, paying your tax into the Social Security fund for that period. Benefits, in return, will be on the same scale as for younger people who must pay into the fund over a longer period.

For farmers in the near-retirement category, the payoff under Social Security can be a virtual bonanza. Take the example of a farmer about to retire whose income is more than \$4,200 per year. He can pay his 3% tax on income starting with next year's earnings, and for another half-year in 1956. His total payment into Social Security will be \$189. He can then retire, and receive a monthly pension check thereafter of \$108.50 for the rest of his life — with additional benefits for his wife and any children. (Payments to wives also start when they reach age 65 and are half as large as their husband's.)

Social Security, say most farm leaders here, should prove a good investment for all operators and workers who qualify. To find out how the insurance will apply to your individual case, call on your local Social Security office, or inquire at the Post Office.



Kit contains special marking ink, dies (1/4" and 3/8") plus NEW tong with concealed spring to prevent pinching; deeper throat for use from any angle; Digits changed individually from front. \$4.00 and up according to numbers or letters wanted.

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American Suffolk Sheep Society
MOSCOW, IDAHO

Washington Parade

By JAY RICHTER

USDA decision to relax next year's acreage controls is a big break for stockmen. While feed supplies have been great, recent drouth and hot weather has cut into new crops severely, and caused acute feed shortages in some parts of the country.

With animal numbers at an all-time high, the feed situation could become very tight in the weeks and months ahead, jumping livestock production costs. The changes ordered by Benson & Company in controls for 1955 will help keep livestock operations on an even keel.

It is drouth — and fear of results on the livestock economy — that accounts in large part for the USDA action to ease controls. Politics, of course, also are involved, but not to the extent that Administration opponents are claiming.

This much is known: The Secretary's political liaison man with Congress, Assistant Secretary Ross Rizley, did turn the pressure on Benson and other top USDA officials for relaxation of controls. Rizley, an ex-congressman himself, from Oklahoma, had been keeping in touch with lawmakers. What he heard — as to farm thinking on the controls program that USDA originally said it would put into effect — was not comforting news to Republican political strategists.

Agriculture Secretary Benson does not admit to political reasons for changing the controls program — and, personally, he may have had none, despite the comfort the action is giving Republican leaders. Benson tells us that reasons for easing controls, besides drouth and probable short crops this year, include these:

(1) Adoption for next year of a flexible price support program. The Secretary thinks this will help prevent future surpluses. He points out that he could not be sure at the time the controls program was first announced that Congress would go along on the flexible supports.

(2) Cost of carrying out the "total allotment" feature of the controls program — which now has been virtually eliminated — would have been very high. Benson puts the figure at about \$60 million.

(3) Controls, Benson thinks, are never effective anyhow. Although sometimes necessary, he says they are "uneconomic" and also "unfair". It would have been difficult to have persuaded farmers to comply with total allotments, in his estimation.

(4) Passage by Congress of the "Foreign Trade and Development Act", says Benson, will help ease the surplus problem. This Act gives the Administration probably the broadest authority the government has ever had to sell, barter, or give away U.S. farm commodities to foreign nations.

Changes in the controls program will be of special help not only to livestock operators across the country, but also to farmers who depend mainly on one crop, such as wheat or cotton. Virtual elimination of total allotments for next year means that acres diverted from an allotment crop can be planted to almost anything else — except another allotment crop.

Had total allotments gone into effect, any grower with 10 or more diverted acres would have been required to plant them only in certain soil-saving crops, including pasture. Many stockmen objected to total allotments on grounds that they would be a spur to artificial increases in livestock production and competition.

One limitation is placed by USDA on use of diverted acres: Growers will not be allowed to plant any more vegetables, sweet potatoes, and dry edible beans than in "base period" of 1952-53 (unless they want to forego price-support privileges).

Cross-compliance features of the program remain in effect. In other words, growers must stay within each individual crop allotment, or lose the price support rights.

There is an exception to cross-compliance regulations, however, that may be helpful to livestock operators who grow and feed some wheat. USDA puts it this way:

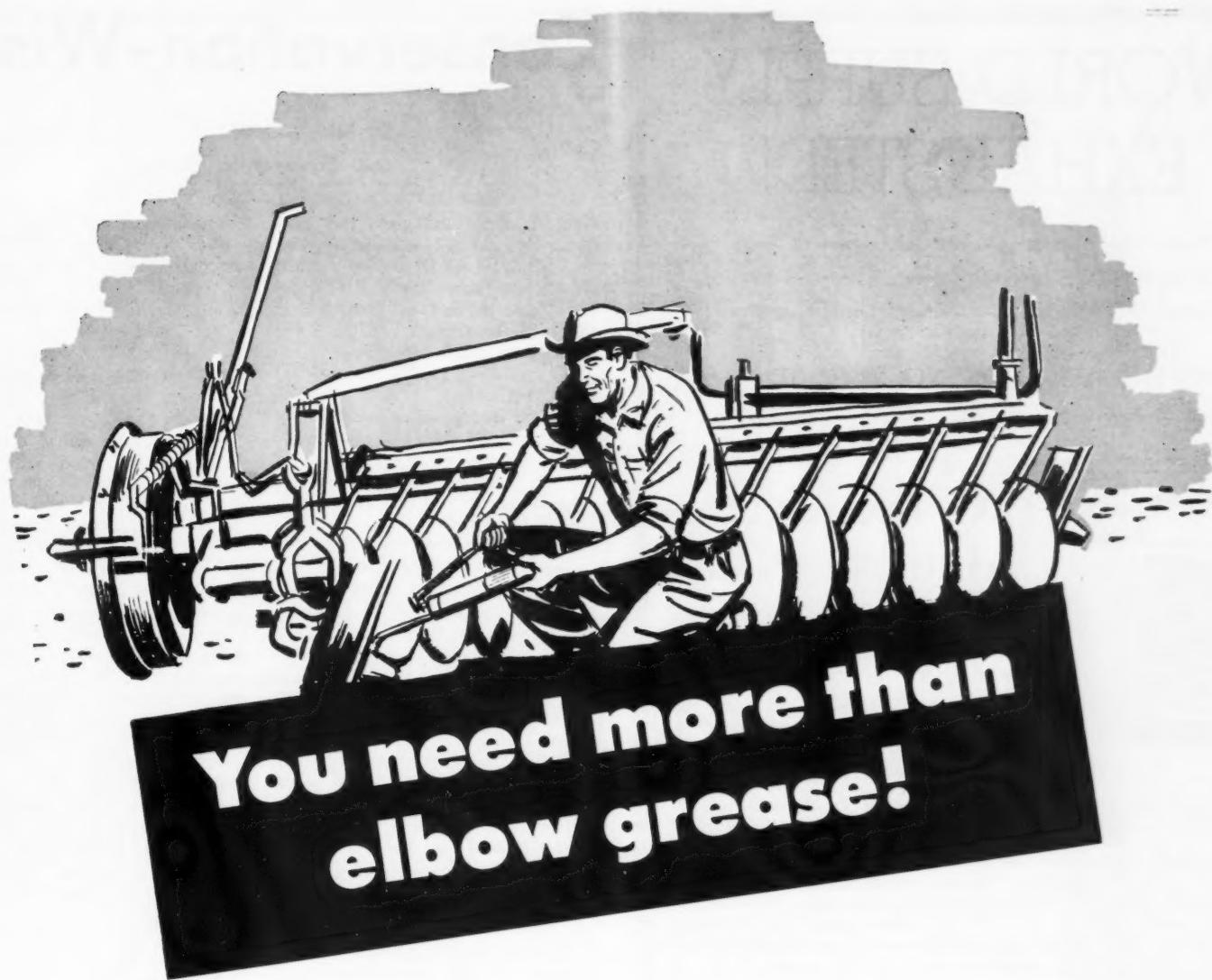
"Smaller wheat plantings — not more than 15 acres — are excepted from the cross-compliance provisions. If producers fail to comply with allotments which are under this '15-acre' figure, they will not be eligible for wheat price support, but they will not lose eligibility for supports on other crops for which they have observed allotments."

You can look for further Administration moves to ease farm income fears, and to give GOP candidates some talking points in the approaching campaign. Actions taken, or to be taken, include these:

(1) Expansion of the drouth-aid program. Benson announced, at press time, that about half again as many counties as now get special drouth aid will be added to the list of those to receive special assistance. Stockmen in drouth-stricken areas already are being told that their purchase orders for supplemental feed are now worth

(Continued on Page 18)





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Please read the following quotation from the DIRECTOR of the Texas Feed Control Service, as per his letter dated July 29, 1954.

"There would be no objection on our part to the use of the term 'naturally powdered limestone' by feed manufacturers on feed labels as suggested by the Texas Carbonate Company since, according to our information on the product they manufacture, the statement would be true. However, the responsibility would rest with the individual feed manufacturer to make sure that this term is applied only to this type of calcium carrier."

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Conservation-Wise

By BILL ALLRED
Soil Conservation Service

GRASS, HAY and grain that goes into a steer doesn't come out all steak meat. Only 35 lbs. of a 1,000-lb. steer are the fancy porterhouse, T-bone and club steaks. In fact, less than half of the 1,000-lb. steer — 450 lbs. — can be used as retail cuts. Besides, the 35 lbs. of fancy steaks, the 450 lbs. retail cuts include 55 lbs. of sirloin steaks, 50 lbs. of round steak, 30 lbs. of rib roast, 25 lbs. of boneless rump roast, 105 lbs. of chuck roast, 100 lbs. of hamburger and 50 lbs. of stew meat and miscellaneous cuts. Part of the 550 lbs. not used as meat is moisture loss and unusable waste.

* * *

Is your farm pond muddy? If so, it is probably because fine clay particles that are too light to sink to the bottom under their own weight stay in suspension in the water. Powdered agricultural gypsum is a good agent to use to clear muddy water in ponds. Sprinkle the finely ground gypsum over the surface of the pond. Gypsum causes fine clay particles to collect into masses that sink to the bottom thus clearing the water. Use gypsum at the rate of one ton per acre of water surface. Gypsum will increase water hardness slightly but will not harm plants, livestock or people.

* * *

Scientists have discovered an antioxidant that may save 65 percent of the valuable carotene content of alfalfa hay normally lost in curing processes. It is the carotene content of feeds that the animal body converts to vitamin A, which is required for growth and reproduction. While drying in the field alfalfa hay loses 50 to 75 percent of its carotene. Santoquin is the trade name of the antioxidant being used to preserve the original content of alfalfa hay. This compound has been used successfully

by commercial dehydrators of alfalfa meal. Five ounces of liquid Santoquin added to a ton of alfalfa meal keeps 65 percent of the carotene intact during six months of storage at 75 degrees Fahrenheit.

* * *

Sheep can be used to weed cotton and sugar cane if they are handled correctly. Sheep will keep Johnson-grass, bindweed, annual grasses, and many broadleaf weeds under control in cotton patches. Cotton should be 8 to 10 inches high before sheep are turned in. Hornless dry sheep are least destructive to cotton. Lambs will play and trample cotton and horned rams also destroy it. Correct stocking is essential as hungry sheep will eat cotton. Mature bolls are palatable, so sheep should be removed before bolls begin to crack. Sheep are successfully used as weeder of sugar cane fields, too. Electric fences provide a cheap and easy way to confine sheep being used as weeder.

* * *

In case you have wondered about results of research on range seeding with pelletized seed from airplanes, we have news for you. The following is quoted from University of Idaho reports:

"During the period 1948-1951 the possibilities of seed pelletizing and surface broadcast seeding for range revegetation were studied by the range management staff of Forest, Wildlife, and Range Experiment Station, University of Idaho, working in cooperation with officials of the U. S. Bureau of Land Management. Field, laboratory and greenhouse tests were made on a variety of pelletizing materials and processes, using several range forage species. Representative materials from all the known commercial producers of pelletized seed, including the materials used in large-scale seedings of the Bureau of Land Management were included in the tests.

"From the studies reported here and in an earlier publication (Tisdale and Platt, 1951), the following results have been obtained:

"1. Pelletizing failed to improve the amount or speed of germination or the subsequent growth of any of the species tested.

"2. Considerable differences were found in the effects of different pelletizing processes upon the enclosed seed. Pelletizing by the coating method caused much less mechanical damage to the seed and resulted in higher germination of the unbroken seed than did pelletizing by pressure methods.

"3. Two large-scale field tests with pelletized seed broadcast by airplane on burned-over sagebrush-grass range resulted in failure.

"4. In field trials where surface broadcast seeding showed some success, unpelletized seed gave as good or better results than the best available pelletized seed."

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Analyzing Livestock And Meat Situation

By SHEEP AND GOAT RAISER CHICAGO BUREAU

IN EARLY September prime steers reached \$29.00 at Chicago, evidently on their way to \$30.00, or more. Top hogs had fallen as low as \$20.00, a winter low right in the hot summertime. All the while fat lambs and yearling wethers fluctuated, but in the main just stood around like that man in the Mombo song.

Hogs didn't stay as low as \$20.00, mostly \$19.50, too long, but regained \$21.00 as soon as growers decided to stop overplaying the markets with excessive runs. On smaller receipts not only live hogs but dressed pork revived — pork loins by several dollars per cwt. Heavy butchers became so scarce that they "sold right up there," incidentally making broad demand for the deluxe end of a fast receding sow run. When underweight butchers showed up in numbers, which was not often, 150-pounders were discounted \$2.00 to \$3.00, at that a moderate penalty per cwt. compared with other years. Pork production over the first seven months of the year had been 8 per cent less than a year earlier but all this was changing as a much larger fall and winter hog run than a year earlier started to roll.

And to that extent pork became more competitive with beef. Nevertheless, all beef continued to attract a whale of a market, choice and prime fed steers centered in the Corn Belt proper gaining \$2.00 to \$3.00 while middle and lower grades stood their ground right at a time when prices are usually seasonally lower. In instances prices gained \$1.00 or more, as did cows and bulls. Cow runs the country over tailed off in August when the proportion of grass steers fell much lower than usual. So there were days in late August and the first half of September when killers reached out for commercial and good grades about as actively as for choice and prime, latter continuing to predominate Monday and Wednesday receipts at Chicago where meager cow runs all summer proved that this class as well as "cheap" killing steers and heifers out of the South and Southwest were doing better at other trade centers, shrinks considered.

The happy note seemed to be that beef from all such lower grade cattle was getting a consumer play as expertly handled beef promotion campaigns from coast to coast advertised locally for even a wider play. A rebound of \$46.00 wholesale pork loins at Chicago and New York to \$56.00 and better as September wore on helped beef quite a bit right at a time when higher live costs in cattle began to endanger continuance of lowest beef prices in years. The consuming public still wanted its hamburgers and pot roasts — choice roasts, if you please, but resisted paying higher prices, especially with other competi-

tive meats lurking around every frying pan and roasting oven.

But really what helped "mine run" grassy cattle, including cows, most was widespread if not general rain from the Flint Hills on through the Southwest into New Mexico and thence Northwest. Graziers' fears of having to dump grass cattle on markets to face a killer trade were forestalled by the weather man. Rangemen could hold and, with more water and feed, did this very thing until replacement buyers got the urge, and stepped in where killers had expected to stand. Thus only by a hair's breadth were "distress" pileups at many markets avoided. Instead, fall and winter finishers took most of these suitable cattle, pronto and by contract, and prices on stockers and feeders shot up \$1.00 to \$3.00, mostly \$2.00 to \$3.00 all over the country. California as well as the Corn Belt became broad buyers, apparently ignoring the fact that replacement prices stood sharply higher than a year earlier, while fat steers, despite expanding prices on the thinning supply of choice and prime in Corn Belt feedlots, were well below 1953.

At mid-September the average price of stocker and feeder steers at Fort Worth was \$16.96 compared with \$13.66 a year earlier when drought paced market receipts and "distress" killer trading was quite the thing. The eight-market feeder steer average meanwhile had been boosted by broad country demand to \$17.80 in contrast with \$14.67 a year earlier when prospective finishers got a host of cattle that made money this last spring and summer. Kansas City's lift was to \$17.98 against \$14.80 exactly 12 months earlier. This meant that Flint Hill and Osage cattlemen's fears of having to unload in a hurry, and let sellers beware, had been dissipated. The country had bought cattle in sufficient supply not only in the Southwest but in the Northwest that killers had to indulge at least in a mild form of competition for common to good killer steers, heifers, cows and the like. During July and

(Continued on page 33)



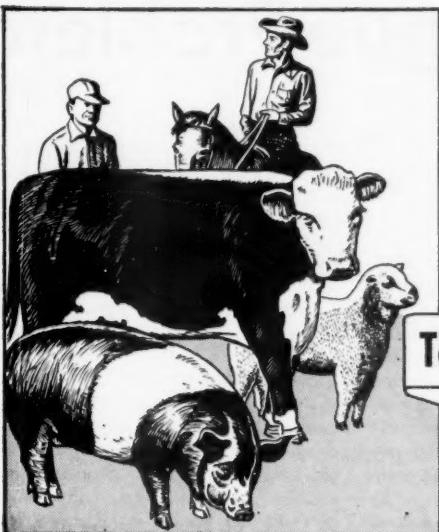
"I got my deer right off the bat."

SUPPLY

LIVESTOCK PRICES

DEMAND

Why They Change From Week to Week



The decisions that affect livestock prices begin at two different places—sometimes as much as 2,500 miles apart.

The farms and ranches all over America are one of those places—where producers decide the kind, quality, weight and numbers of livestock they will market today.

The other—is with millions of housewives—when they decide whether they will buy meat today, and the kind, quality and how much.

Together they are SUPPLY and DEMAND

A lot of big and little things influence those decisions and cause livestock prices to go up and down. But the main things to remember are these: (a) like water, prices seek a level; and (b) it is the pull of demand and the push of supply which levels them.



First take SUPPLY



FEED SUPPLIES

WEATHER,
SEASONSMARKET
SITUATIONPRODUCER'S
DECISION
TO SELL

Now take DEMAND

EMPLOYMENT
AND WAGESRELIGIOUS
BELIEFSCOMPETITION
OF OTHER
FOODSMONEY IN
HOUSEWIVES
POCKETBOOK

The independent daily decisions of hundreds of thousands of producers govern where, when and how many head of livestock will be sold for slaughter each day. Feed supplies, weather, seasons, and how the market looks to a particular stockman at a particular time—these and other factors enter into each individual decision.

So naturally, the number of livestock slaughtered across the U.S. will vary from week to week, sometimes as much as 25 percent. This means that the amount of meat and by-products that must be sold also varies considerably from week to week. To induce retailers to purchase increased supplies, meat packers usually are compelled to sell meat at lower wholesale prices. Conversely, when livestock slaughter and available meat supplies decline, retailers and their customers may become aggressive buyers, even at higher prices in order to obtain their meat requirements. In this way the changes in livestock prices are governed by the changes in what the packer can get for the meat and by-products.

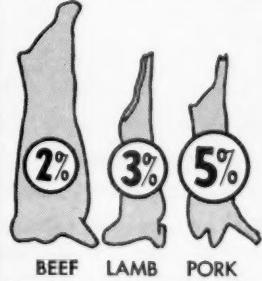
The biggest factor in demand is BUYING POWER. When employment and wages are high, the dollar-demand for meat is good; with unemployment and low wages, dollar-demand for meat falls off. On the average, housewives spend for meat about 5% to 6% of the national disposable income.

When meat supplies increase, several things may happen. Retailers then may buy more than their average requirements...provided they can buy at lower prices. Their customers do not automatically have more money to spend just because there's more meat to be sold.

Experience has proved that it usually takes lower wholesale and retail prices to move more meat into the shopping bag. When retailers increase their purchases of meat, they know they have to price it attractively, and advertise that fact to stir up interest and to sell more meat to regular and new customers.

Other factors which affect demand and influence prices include: religious beliefs, weather and seasons, competition of other foods, personal tastes and habits...all these influence demand and cause livestock prices to change.

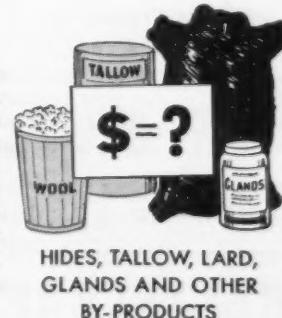
Very little meat is stored



Storage of meat is seasonal and the amount stored is very small in relation to the total amount of meat sold. Compared to total yearly production, only about 2% of the beef, 3% of the lamb and 5% of the pork is held in frozen storage. The little that is stored works to the benefit of both producers and consumers because it helps smooth out the seasonal differences of supply and the flow of meat to the homes of America.

By-Products

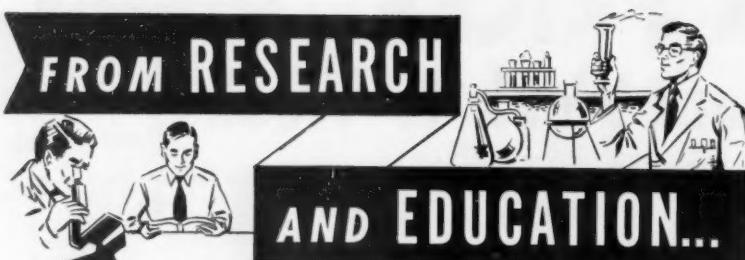
Demand for by-products is also another important factor affecting livestock prices. By-products are sold by the packer at the best price they will bring. And this is a big help in covering the costs of turning livestock into meat and distributing it. These by-product values are always taken into account by the meat packer in buying livestock. By-product values, like meat, vary from day to day...so that is another factor which affects livestock prices and causes them to change.

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... AND GOATS DON'T HAVE IT . . .

An Appraisal of the Bluetongue Problem

By D. A. PRICE, D.V.M.

Ranch Experiment Station, Sonora, Texas

THE ACTUAL eradication of bluetongue seems to be a remote possibility at the present time due not only to the fact that relatively few sheep raisers intend to vaccinate against it with any regularity, but due also to the difficulty in controlling insect transmitters and the very difficult task of identifying other animals which may carry the virus without showing signs of illness. Although annual vaccination is recommended, it seems likely that a considerable amount of vaccinating will be accomplished during heavy outbreaks and only a small amount during intervening years. If they are going to continue living with this disease, then, ranchmen need to familiarize themselves with the important facts about it, and we at the Ranch Experiment Station are particularly anxious that a true appraisal of the problem be made.

A word of caution seems appropriate here with respect to some of the statements made by producers of vaccines who, in their haste to get reading material before their prospective customers, have not guarded against a distortion of facts and unwarranted implications. For example, material in a recent issue of this magazine would have the reader believe that goats as well as sheep have bluetongue and would also have us believe that bluetongue results in 20 per cent death loss. The former is quite untrue, of course, and the latter figure is far too high for most of the United States. Death losses due to this disease in Texas are estimated to average less than one per cent. Widespread vaccination would be desirable, but we would like to have it result from a true presentation of facts.

The Disease In Texas This Summer

The epizootics or outbreaks of bluetongue which occurred during the summers of 1948, 1951, and 1953 resulted in many immune sheep, for

those that had the disease should have developed a life-long immunity. Consequently, about the only sheep left to get the disease this year were the lambs. There has been, in fact, a considerable amount of bluetongue in our lambs this summer but it has been the very mild form known to most ranchmen as range stiffness. Incidentally, it seems probable that practically all of the so-called range stiffness in lambs is actually mild bluetongue.

The economic significance of this mild form of bluetongue in Texas was recently pinned down to an actual estimate when Dr. W. T. Hardy, our Station superintendent, was asked by a legislative investigating group to estimate the cost of the disease to Texas sheep growers. He estimated that the cost of the disease in Texas this summer, when only the mild form has occurred, will have been from one-half to one million dollars. His estimate for the years in which the severe form has occurred was from one to two million dollars per year.

Development of a Vaccine

The isolation of several strains of bluetongue in both Texas and California was followed shortly by the production of experimental vaccines in both states. Both vaccines proved to be effective, but since the disease has been more severe in California, the controlling federal agency ruled that a vaccine made for interstate sale should be made from the California strain of the virus. Such a vaccine is now offered for sale by several manufacturers and has been shown by us to be as effective against the known strains of bluetongue in Texas. However, the existence of strains against which the vaccine will not protect is a distinct possibility, and for that reason we must be ready to investigate outbreaks in properly vaccinated flocks.

To date, only the Culicoides midge

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(sometimes called sand-fly, no-see-um, or punkie) has been incriminated as a vector or transmitter, both at our Station and in South Africa. Mosquitoes, however, are strongly suspected and we have shown that the virus can live in the mosquito for several days. It has been interesting to note that several flocks apparently have been protected against bluetongue by periodic spraying during the summer months.

In every instance, the disease is believed to start with an insect bite, at which time the virus or germ gains entrance to the sheep's blood stream. About nine to 12 days later, the sheep develops a fever but is seldom visibly sick. Within another day or two, the fever subsides and the symptoms become apparent — swollen lips, lameness, loss of weight, etc.

Treatment

Many ranchmen who contact our station after bluetongue has appeared in their flocks are advised to leave them alone, because much harm can result if range sheep affected with bluetongue are gathered, penned, drenched, or otherwise made to exercise unduly. On the other hand, if sick animals can be picked up and hauled or moved quietly to a shaded lot where there is ready access to feed and water, this is excellent treat-

ment. Local circumstances dictate which form of management is to be followed.

A comparatively new antibiotic has been shown at our laboratory to be effective against bluetongue when tested in test tubes and chicken embryos. Several treatment trials in sheep have been encouraging also, but further testing must be done before we will be able to recommend this treatment.

Future Outlook

Several questions about bluetongue are yet to be answered. As mentioned above, it is not known whether there are strains yet unisolated and against which the vaccine will not protect. The identification of all insect vectors and carrier animals is yet to be accomplished. The minimum age at which lambs can be effectively vaccinated poses still another problem but is one on which we hope to shed considerable light during the coming months.

The use of bluetongue vaccine will surely serve to protect our sheep industry against disastrous losses, and this is the goal toward which we have worked for so many months. Even though the main goal has been achieved, however, it is evident that there is still a need for continuing research.

WEED BUYS KIDS IN UTOPIA AREA

FRANK WEED, Jr., of Utopia, Texas, bought the following ranchmen's kids the latter part of August: Tom Carpenter, Pickeren Ranch, E. C. Whitehead, Clyde Elam, R. E. Adams, R. E. Porter, all of Medina; Clinton Reiber and Frank Weed, Sr., of Utopia. Most of the Medina

sales were arranged by Logan Adams, livestock dealer and ranchman of Medina. Weed paid \$5 per head for most of the kids out of the hair, buying some in the hair at \$7 and a few at \$8 per head. The kids in the hair sheared well over two pounds, making them cost around \$5 also. Weed plans to winter these kids on his Crow Ranch north of Vanderpool and sell them next spring out of the hair as yearling goats.

In addition to the kids, Weed is putting a string of lambs on the Crow Ranch to winter. He bought most of them through the Uvalde and Kerrville auction rings with the exception of one string which he bought through Logan Adams from Everett Koontz of Medina. The lambs weighed an average of 52½ pounds and cost an average of 12½c per pound. Weed reports the lambs sheared 3 pounds. He will feed them a mixture of maize, meal and salt this winter.



**JUSTIN JOINS NOCONA
BOOT COMPANY**

H. Joe Justin, grandson of Joe Justin, pioneer in the Texas boot industry, has joined the Nocona Boot Company, Nocona, Texas, as assistant manager to Miss Enid Justin, president and general manager. For the past 13 years Mr. Justin has been associated with the Justin and Sons firm at Fort Worth.

Our advertising in the Sheep and Goat Raiser paid well. Best regards. Murry Burnham, Burnham Bros., Marble Falls, Texas.

Jack Richardson received a large string of lambs out of the Utopia country on contract the first of September at 16c.

Bob Lewis sold a load of lambs to Aubrey Frick of Sabinal for Adams and Weed of Medina — selling price 14½c a pound.

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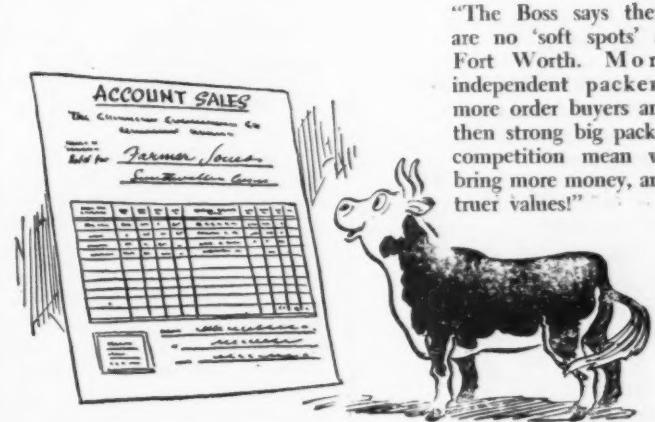
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GOAT MARKETING HOLDS NEAR RECORD PACE

A NEAR record supply of 10,500 goats poured into the San Antonio stockyards during Sept. 1 to 20. Receipts accounted for the second largest run in any similar period since September 1952, the Agricultural Marketing Service reported.

Sheep and lamb marketings, as well as cattle and hog shipments, also increased during September as the drouth continued to take a toll of grass and water holes in the Texas range country.

This month's goat supply at San Antonio was only about three per cent smaller than the previous two-year record in August, but was about nine per cent larger than the same three weeks a year ago.

Angora goats, mostly nannies, comprised the bulk of receipts as ranchers took advantage of the mohair shearing season to cull their herds while they were off the range.

Outlets proved fairly dependable in spite of the near record supply. Prices ruled steady to 25c higher on mature slaughter goats, and steady to 50c higher on kids.

Most medium and good shorn Angora goats sold around Sept. 20 at \$3 to \$4.50 per 100 pounds. Kids bulked at \$3 to \$4.50 each. A few stocker nannies changed hands at \$3.75 to \$4.50 per head.

Mohair shearing was in full swing. Although much mohair already has been contracted, several hundred thousand pounds sold in Texas during the month. Most adult hair went at 65 to 67½c per pound. Kid mohair ranged from \$1 to \$1.01½, with some surplus kid hair at \$1.50 to \$1.60 per pound.

Sheep and lamb prices, for the most part, followed a steady to higher trend, reflecting advances of five to seven cents per pound in dressed lamb at major wholesale centers. However, slaughter lambs turned sharply lower at Fort Worth as packers seemed determined to lower rates in line with a similar trend in the Midwest.

Farmers and ranchers shipped around 33,000 sheep and lambs to market during Sept. 1 to 20. About 24,000 were yarded at Fort Worth

and 9,000 went to San Antonio. Receipts were about 35 per cent larger than the previous month and 75 per cent larger than a year ago.

Slaughter lambs comprised a much smaller percentage of the over-all run than in recent months. In fact, spring lambs were scarce at most sessions in San Antonio, while Fort Worth reported choice offerings a little on the scarce side.

Aged sheep, mostly ewes, and stockers and feeder lambs accounted for almost three-fourths of the run on most days. A few more breeding ewes also came to market.

Pricewise, spring slaughter lambs went up 50c to \$2 per 100 pounds at San Antonio since the close of trade in August, but lost \$1.50 to \$2 at Fort Worth. Good and choice lots went to slaughter at \$18 in San Antonio and \$16 to \$18 in Fort Worth.

Yearlings averaged \$1 higher, with good kinds quoted up to \$12 at Fort Worth and \$11 at San Antonio. Aged wethers held steady at both points. Good offerings made \$8 to \$8.50 at San Antonio, while utility and good lots earned \$8 to \$10 at Fort Worth.

Slaughter ewes sold from steady to \$1 higher at San Antonio, but ruled steady to 50c lower at Fort Worth. Cull to good ewes moved on slaughter account at \$3 to \$5 in San Antonio and at \$3.50 to \$5 in Fort Worth.

Demand for stocker and feeder lambs picked up a little and prices were around 50c higher. Medium and good stocker and feeder lambs went back to the country from Fort Worth at \$11 to \$15. Choice 77-pound stocker lambs left San Antonio at \$15.50, while medium and good sorts took \$11 to \$14. San Antonio listed medium and good solid mouth breeding ewes at \$4 to \$5.50 per cwt.

Meanwhile, Texas hog prices dropped to the lowest points since February 1953 during September. By the 20th of the month, butchers stood around 50c lower after having regained some of the earlier loss. The downturn came in the face of a sharply higher dressed pork market as market-

ing of hogs showed a seasonal increase.

Cattle prices fluctuated within a dollar higher or lower range most of the month. Except for a \$2 gain on steers which reflected a two to three cents per pound higher dressed beef market, most cattle closed with little actual change in prices.



NICHOLS IS AWARDED LONE STAR DEGREE

CHARLES WESLEY NICHOLS, eighteen-year-old registered Angora Goat Breeder of Leakey, Texas, received the Lone Star Farmer Degree at ceremonies in San Antonio during the recent 26th annual State FFA Convention. The degree, the highest offered to FFA members on a state level, was awarded in recognition of the care and management that he had given to his herd of Registered Angora Goats and for his participation in Vocational Agriculture work while in Leakey High School.

He is probably the first boy to receive the Lone Star Farmer Degree from the State FFA with registered Angora goats as his only project.

He was awarded money from the Sears Foundation Fund with which to purchase 4 registered Angora does in 1952. Four registered goats from the Nichols herd will go to members of the Leakey FFA Chapter this year under the Sears Foundation plan.

Nichols, a 1954 graduate of Leakey High School plans to commute to Southwest Texas Junior College at Uvalde while maintaining and increasing his ranching interests near Leakey. Charles leased a small ranch for his registered herd during his high school years and recently leased a larger place, in partnership with his father, in order to accommodate his goats which now total over 100 head.

Charles Wesley is the son of Mr. and Mrs. Leroy Nichols of Leakey and grandson of Mr. and Mrs. Bob Davis of Rio Frio. Both of these families have been in the registered Angora goat business for many years.

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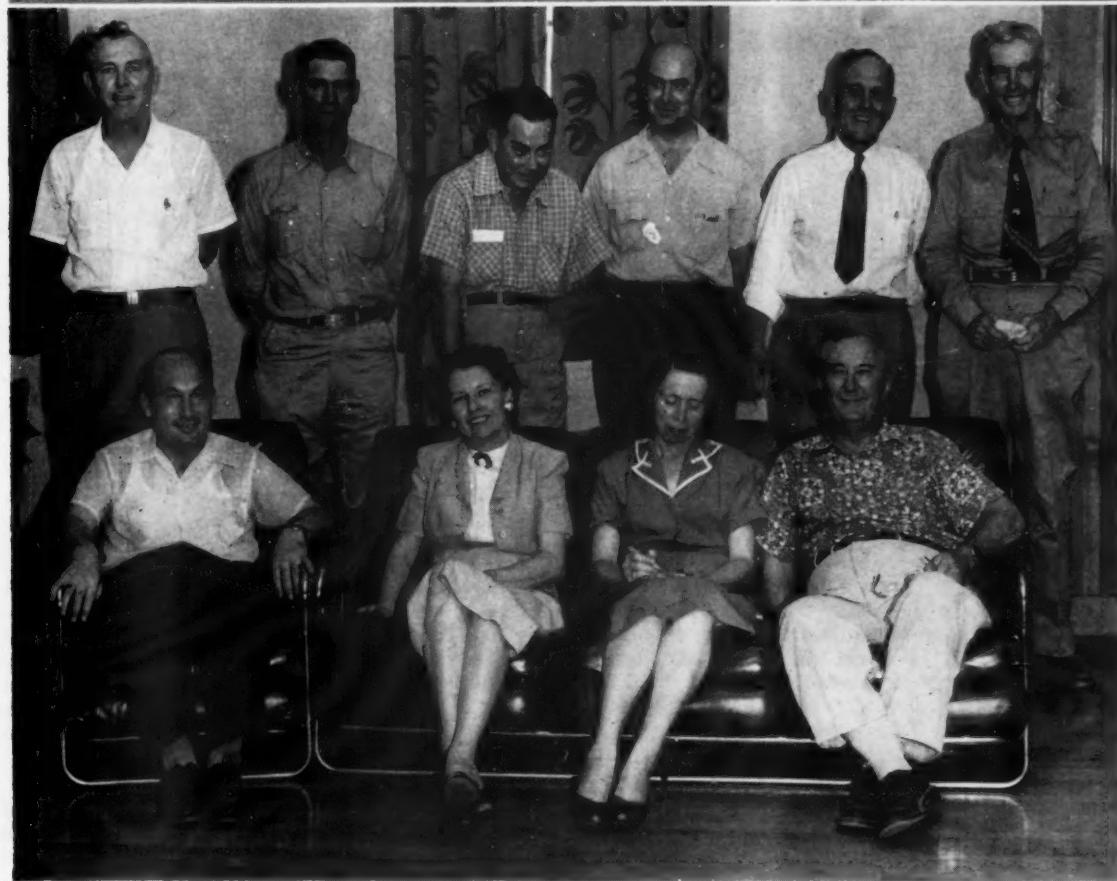
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Goat Country Visited by Turkish Livestock Specialists

SOME OF the leading livestock specialists of Turkey visited the livestock producing areas of West Texas in early September, concentrating on the Angora goat habitat of the Edwards Plateau. In this region the Turkish livestock specialists studied the amazing transformation of the Angora goat in this country since it was introduced more than one hundred years ago. Mrs. Thomas L. Taylor, Secretary of the American Angora Goat Breeders Association, Rocksprings, was one of the hosts to these visitors, and she explained registry methods and recounted the history

and progress of the Angora goat through the years. A study of ranching facilities on the Len Clark ranch near Rocksprings was a highlight of the Edwards Plateau visit, as was a barbecue banquet in the Edwards County Park building, with breeders and the Rocksprings Chamber of Commerce as host; J. A. Miller, President, presiding.

The top photograph is a picture of the visitors. The bottom photograph is a picture of some of the visitors and hosts, left to right: top row, N. G. Smart, and Walker Epperson, Directors of Chamber of Commerce;

D. A. Adams, Extension Service, A. & M. College of Texas; D. McKnight, Director of Chamber of Commerce; J. A. Miller, President of Chamber of Commerce; L. A. Clark, President of American Angora Goat Breeders Association. Bottom row: Sami Bayhon, Head of the Turkish Delegation; Mrs. Thos. L. Taylor, Secretary of the American Angora Goat Breeders Assn.; Mrs. Warren Huth, Secretary Chamber of Commerce; Joe M. Goodwin, U. S. Dept. of Agriculture, who is making the entire trip with the Turks.

The early September delivery of about 1,800 head of the George Montgomery blackface lambs at Barnhart saw them averaging 81 pounds. They were to L. F. Sneed, order buyer of San Angelo.



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HEADQUARTERS
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HOTEL**

Paso del Norte

NOW
EL PASO'S
completely
refrigerated
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HOTEL



By JACK TAYLOR

NEW MEMBERS of the American Rambouillet Sheep Breeders Association include: Bob Steward, Eldorado, Texas; Don Baker, Lubbock, Texas; Wesley M. Hiner, Albuquerque, New Mexico; Glenn Liss, Ballinger, Texas; O. T. Seward, Har-

rogate, Tennessee; and Morrison Carpenter, Zephyr, Texas.

Mr. Seward's membership increases the number of states represented by active members to 28, and these 28 states embrace just about every climatic condition in the United States.

* * *

It is with deep regret that we announce member John Williams of Eldorado is planning to discontinue breeding registered Rambouillets. Mr. Williams is currently Association Director of District number 3 — the western half of Texas (west of the hundredth meridian). He recently delivered 50 of his registered ewes to member Pat Rose, Jr., of Del Rio, and 106 head to T. A. Kincaid, Jr., of Ozona, but kept some ewe lambs. Mr. Williams has been in ill health and is trying to ease up on some of his activities.

* * *

The first annual Junior Fine Wool Breeding Sheep Sale at Menard, Texas, August 28th, left a great deal to be desired as far as prices were concerned. The quality of the consignment was excellent, and it was well advertised, but the buyers were just not there. Drouth was possibly the major factor, but politics may have played a part — it was voting day in a hot run-off election. This sale, sponsored and managed by 4-H Club and FFA Chapter members to sell rams of their own breeding was patterned after the Association-sponsored sale in San Angelo. A committee of Club sponsors who have strong breeding sheep programs selected and rated the stud rams as number one and number two quality.

Many of these young breeders started in the business at the onset of the current drouth, now in its fifth year. They are used to having it rough and were not as discouraged about the sale results as were the adults who attended. They immediately started talking next year's sale.

* * *

Some 112 head of top ram lamb stud prospects for the Seventh Annual Ram Progeny Test at the Ranch Experiment Station, Sonora, Texas, were shorn August 25th and weighed a week later. Sheepmen observing the work commented that this appeared to be the best group entered to date.

Rambouillet breeders who are co-operators this year include: Ed Guy Branch, Rankin; H. C. Noelke, Jr., Sheffield; Pat Rose, Jr., Del Rio; Miles Pierce, Alpine; W. L. (Tom) Davis, Sonora; Leo Richardson, Iraan; Connie M. Locklin, Sonora; John Williams, Eldorado; Rod Richardson, Iraan; and R. Q. Landers, Menard.

**RICHARDSON TO HEAD
ANGELO SHEEP SHOW**

JACK B. TAYLOR, Secretary of the American Rambouillet Sheep Breeders Association, has asked to be relieved of the duties of superintendent of the breeding sheep division of the San Angelo Fat Stock Show. Mr. Taylor is still on the committee.

Leo Richardson, Iraan, well known Rambouillet sheep breeder, will succeed Mr. Taylor as superintendent.

The Association is currently offering breeders signs in any quantity at bargain prices. Through a generous offer of the name-imprinting company, the prices are the same that were previously set on orders of 50 at one time. These signs were purchased by the Association over three years ago and would be much higher now. Breeders who have these signs report increased business. Interested members can get detailed descriptions and prices by writing the Association office.

* * *

Everett E. Shuey, Executive Secretary of the Montana Wool Growers Association, sent your Secretary the following telegram: "219 Rambouillet range rams averaged \$46.82 at our Sale last week." Thank you, Everett.

* * *

Rambouillets were the most popular white-faced rams in the recent National Ram Sale, sponsored by the National Wool Growers Association. The average on 311 head was \$91.13 — considerably higher than last year. Eighteen stud rams brought \$328.89 average per head. Wynn S. Hansen, Collinston, Utah, consigned the top-selling ram, which went to the Utah State Agricultural College at \$810.00. Association Vice-President Dr. J. H. Beal of Cedar City, Utah, sold one for \$800.00 to George L. Beal & Sons of Ephriam. Other high sellers included Clifford Olsen, Ephriam, Utah — \$550.00; G. L. Beal & Sons — \$500.00; and Nielson Sheep Company — one for \$500.00.

* * *

The Oregon Sale at Pendleton provided a fair demand for Rambouillets — 89 head averaged \$67.92. The John K. Madsen Rambouillet Farm sold two studs to Cunningham Sheep Company for \$250.00 and \$200.00 to top the Rambouillets.

* * *

Passage of the Wool Incentive Payment Plan by the last Congress should materially benefit the members of this Association. Since the growers of better quality wool will not only receive a better price per pound on the market but also a higher incentive payment, they will be in the market for better rams to improve the quality of their clips.

Also, with some encouragement to the industry, sheep numbers are likely to increase and there will be a stronger demand for good Rambouillet rams to sire replacement ewes.

* * *

The Secretary is taking a one-year leave of absence, effective October 1st. Mrs. Russell G. Harlow, who has been Assistant Secretary since No. (Continued on Page 28)



Man with a Plan...

The forward-looking rancher or farmer . . . the man with a plan for the future . . . is a welcome visitor to the Livestock Division of the Alamo National Bank. This man has a good idea about how much money should be invested in his stock and ranch to assure maximum income. At the Alamo National Bank he will find people who speak his language, and are more than ready to help him . . . anytime.

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Alamo
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THE SHEFFIELD FENCE RIDER

PUBLISHED IN THE INTEREST OF GOOD FENCING

Income Tax Statement Steers Farmer to More Profit

John Haschke's Discovery of Deficit In One Operation of Prosperous Farm Leads to New Plan and Bigger Earnings

Income tax statements can be an awful bother, but to John Haschke, farmer in Gonzales County, Texas, they proved to be a money maker.

Haschke was already making money — good money — from his 365-acre farm. Then he had occasion to check his tax returns while looking into the cost of producing cattle. He found he was losing money on his cattle operation. This disturbing fact hadn't shown up because the loss was offset by unusually high profits on 1600 laying hens.

The discovery set Haschke to figuring with his county agent on how he could make his cattle pay. They came up with a plan not only for the cattle but for all the farming program — even a novel way of marketing fresh peas in his soil building project.

Fencing System "is Key Tool!"

Like all other better land-use programs, this one is implemented with better fencing.

"In the past five years, I have built over two miles of new Sheffield fences, and rebuilt that many more old fences," John Haschke says. The fencing was necessary to graze off crops with cattle and eliminate costly lot feeding of calves.

The cattle program swings around three fields of Sudan grass used to rest the permanent pasture through the late spring and summer. The cattle are grazed in the Sudan grass until after the corn is harvested. Then they are turned into the cornfields to graze the stubble. By the time the stubble grazing plays out, grain sorghum has been harvested and it is grazed down. When the cattle have finished the sorghum, they are turned into the permanent pasture where they graze on side-oats, grama, buffalo grass and little bluestem. When barley is ready for grazing, the cattle are alternated with grazing this crop and the permanent pasture. In spring the Sudan grass is ready and the cycle is repeated.

Haschke grows all the grain and roughage he can, then buys what he needs to balance the ration. His poultry feed is made up of corn and grain sorghum grown on the farm.



MORE THAN TWO MILES OF SHEFFIELD WOVEN WIRE FENCE on the 365-acre Haschke farm in Gonzales County, Texas, has replaced the kind of fencing pictured at left. Fence plays an essential part in the scientific land-use program which makes John Haschke's farm an outstandingly profitable operation.

He has it mixed at the feed dealer's mill with shorts, bran, meat scraps, fish meal, alfalfa meal, antibiotics, cod liver oil, salt and limestone. He pays 10c. a hundred pounds for the mixing operation, above the cost of the ingredients.

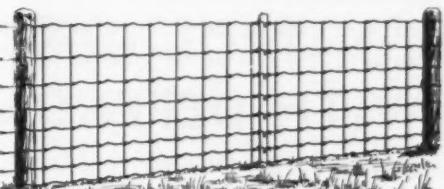
Livestock Is Mainstay of Operation

Income sources are mainly livestock on the Haschke farm. He sells calves at weaning age (about 7 months), when they weigh from 425 to 500 pounds. He runs 50 cows in his breeding herd. Six brood sows provide enough pigs to sell feeders. Registered gilts and others are fed to 200 to 225 pounds for top prices.

Haschke learned a lesson from the discovery in his income tax returns. He studies all his records carefully, squeezing a profit from every operation or changing it so it makes money. One exception: his fresh peas, which he grows for soil improvement. He figures they give him about 30 to 40 extra bushels of corn at no additional cost. He sells peas at a break-even 2c a pound. But the customers have to harvest the peas themselves. They strip the vines.

"And I don't have to keep a record of their

labor for my income tax statement," Haschke smiled.



Be Sure Fences Are Grounded For Lightning Protection

Recently a midwestern farm had the sad experience of losing nine fine Herefords when a bolt of lightning struck an ungrounded barbed-wire fence strung on wooden posts. If you have an ungrounded fence strung on wood or concrete posts, you can ground it by adding steel posts spaced 150 feet apart. The posts should be driven deeply to insure embedding in moist dirt. All wires should make a good metal-to-metal contact with the steel posts.

You Get These 3 EXTRAS in...

Yet the Extra Steel, Strength, and Long Life Cost You No More!

Extra wraps on top and bottom wire of Sheffield Fence add strength where strain is greatest. The longer, tightly wrapped hinged joints give added backbone. A uniform coat of zinc is tightly bonded to the steel wire.

The special analysis steel is made by Sheffield, and Sheffield fence is produced under rigid quality controls from furnace to finished fence.

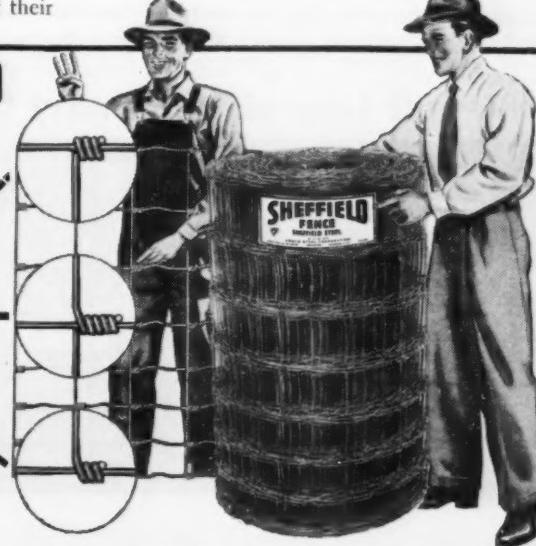
That's why your dollar will get you most in fence service and long life if you insist on Sheffield Fence. See your Sheffield dealer as soon as you can.

SHEFFIELD FENCE

EXTRA
Wrap on top wire

EXTRA LONG
Tightly wrapped hinge
joints

EXTRA
Wrap on bottom wire



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Jack Drake, Manager

Dial 4145

San Angelo

Rambouillet

(Continued from page 26)

ember 1951, will be Secretary of the Association. She has employed Miss Brenda Hodges of Junction, Texas, to assist her on a part-time basis. Mrs. Harlow will continue the "Ramblings" column in this magazine, and I urge all members to help by sending her any information and pictures that show the Rambouillet breed to advantage. My sincere best wishes to the members of the Association and the readers of this magazine.

* * *

Peterson Brothers of Lance Creek, Wyoming, recently purchased a stud ram from D. H. and Jean Landen (Mr. and Mrs.), of Wheatlands, Wyoming. The Peterson Brothers—Paul, Clyde, and Stephen—are members of the Niobrara (County) 4-H Rambouillet Breeders Club. Paul received one of the Wyoming Rambouillet Association belt buckles awarded by that Association for State Fair Junior Livestock Show Championships.

* * *

Pinky Carruthers, 4-H Club member from Sanderson, Texas, is planning to exhibit this year in the adult Rambouillet breeding sheep show at the State Fair. You'll have no trouble finding Pinky at the shows this season—he's the proud possessor of one of the brightest, fire-engine red pick-up-trailer combinations we've seen.

* * *

Miss Shirley David from Hat

Creek, Wyoming, exhibited both Champion Ram and Ewe in the open Rambouillet division at the recent Wyoming State Fair.

* * *

B. F. Bridges & Son of Bronte, Texas, recently sold 10 aged ewes and a stud ram to Harold F. Armstrong of Wingate, Texas.

* * *

H. W. Dodge, member from Easton, Maryland, has sold a stud ram to Waldo Barron, Slippery Rock, Pennsylvania, and one to Kenneth T. Moore of Nichols, New York.

MEETING AT AUSTIN TO INTEREST RANCHMEN

A MEETING to be held at Austin, Texas, November 1, under the sponsorship of the Texas Producers of Veterinary Supplies and the Capital Area Farm and Ranch Club, will be of considerable interest to the ranchmen and all are invited to attend the meeting. It will be held in the L. C. R. A. Auditorium with R. E. Taylor of San Antonio program chairman.

The general theme of the meeting will be livestock pest control. Included in the discussion will be one of particular interest by Dr. R. R. Bell of the Department of Veterinary Parasitology at Texas A. & M. College. He will speak on internal parasites of livestock. Dr. Bell has been teaching and doing graduate work at Texas A. & M. College.

Please Mention This Magazine
When Answering Advertisements

CONTROL COSTLY INTERNAL PARASITES WITH DEPENDABLE GLOBE PRODUCTS

GLOBE PHEN-OVINE

The easy, economical way to treat sheep, goats and cattle for stomach worms, nodular worms and hook worms—drench with Globe Phen-Ovine. No starving of animals is necessary, either before or after drenching with Phen-Ovine. Contains Phenothiazine . . . a highly effective agent in removing internal parasites from the intestinal tracts of sheep, goats and cattle.

GLOBE PINK DRENCH

When tapeworm infestation is suspected, always use dependable Globe Pink Drench, combining the worming properties of both Phenothiazine and Lead Arsenate for maximum

benefit. Sheep and goats infested with tapeworms are nearly always also infested with Stomach Worms, or some of the other roundworms which are effectively removed by Phenothiazine. Lead arsenate in suitable dosage has been found to be both safe and effective for removing Moniezia tapeworms from sheep and goats.

GLOBE PHENOTHIAZINE BOLUSES

(12½ grams)

The effective action of Phenothiazine in handy bolus form. Recommended for eliminating Stomach Worms, Nodular Worms and Hook Worms from sheep, goats and cattle. Open the mouth of the animal with a

speculum and deposit the bolus far back in the mouth with a balling gun or by hand. Dipping the bolus in mineral oil will facilitate swallowing. Caution: Use only as directed.

GLOBE SPECIAL BOLUSES

Globe Special Boluses contain the same proportion of Phenothiazine and Lead Arsenate as found in Pink Drench. Recommended for the elimination of Tapeworms (Moniezia), Stomach Worms, Hook Worms, Nodular Worms and "Bankrupt" worms from sheep and goats. Boluses may be crushed, mixed with water and given as a drench. One Special Bolus is equivalent to one ounce of Pink Drench.



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PHENOTHIAZINE
(DRENCH GRADE)

FLY REPELLENT & WOUND DRESSING

MIXED BACTERIN
FORMULA 1

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TYPE D BACTERIN

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Services of Rambouillet Breeders Offered to T. S. & G. R. A. and A. & M. College System

TEXAS OFFICERS and some leading members of the American Rambouillet Sheep Breeders Association held a meeting Saturday, September 18, at Junction, with representatives of the Texas Sheep and Goat Raisers Association and officials of the A&M College System to offer the services of Rambouillet breeders in the Texas Sheep & Goat Raisers Association improvement program.

In a prepared statement the Rambouillet group pointed out that they were vitally interested in the work of the TS&GRA, and the sheep and wool improvement program for the following reasons:

"1. We are aware that for our business to be profitable, there must be a strong and prosperous sheep industry, because commercial sheepmen are our main markets.

"2. Even though we have members in 27 different states, over 60% (201) of these members live in Texas.

"3. The great bulk of Texas commercial sheep are of straight Rambouillet breeding, and Rambouilllets are mainly concentrated in Extension Districts 6 and 7 where the work is also to be concentrated.

"4. As your sheep and wool improvement program expands, and progress is evidenced, greater pressures will be exerted on our members to produce even better sires to improve these better flocks."

The group pointed out that "the recent report of the sheep and goat and wool and mohair improvement committee indicates there is a pressing need for qualified personnel to assist producers with selection and culling, and that it may be some time before a sufficient number of qualified paid personnel are available." The statement continued, "therefore, we offer the services of a number of our leading breeders, free of charge, to the TS&GRA and the A&M College System to assist in this work.

We submit as evidence that they are qualified to do constructive work, their progress in recent years in developing a more profitable sheep from the standpoint of wool and lamb production; that they are practical-minded sheepmen, trained through actual experience where success and even survival in their business is determined by their ability to accurately evaluate individual sheep and make desirable matings according to profit-making capacities; and that they are thoroughly posted on commercial sheepmen's needs through discussions of these needs and observing the rams they select."

Though it was not pointed out at the meeting, a number of these breeders have for years used the facilities of the wool scouring plant to check on clean wool staple and grade produced by prospective stud rams and replacement ewes. A number of them have been cooperators, some all 7 years, or close observers of the sheep and results of the Sonora Ram Prog-

ny Tests, where production characteristics are carefully measured and evaluated. In addition, a number of the breeders offering their services have had extensive experience judging show classes in which differences among individual sheep are very small and detailed examinations are required.

The Rambouillet Association believes using some of their members to assist in the work until a sufficient number of qualified paid personnel are available will contribute to the program's success and shorten the time required to get it under way.

A list of members recommended and willing to help will be published as soon as it is completed.

LION KILLED IN HILL COUNTRY

LEROY NICHOLS and Carlton Godbold of Leakey have experienced two successive years of activity of mountain lions. Mr. Nichols in early September estimated he had lost from 12 to 50 head of his registered does from the depredation of the 115 pound, seven footer which was killed on his ranch recently. The loss from such a predator in the valuable flocks and herds of registered sheep and goat ranchmen probably runs into the thousands of dollars during a year's time, according to the ranchmen.

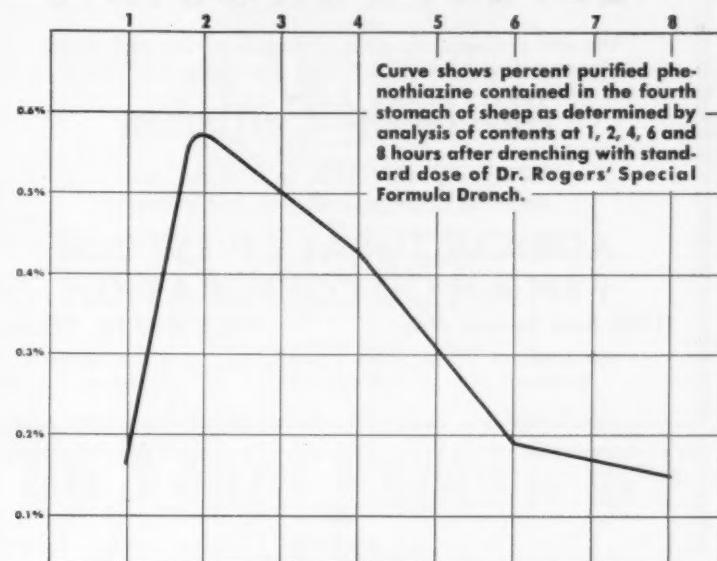
"I think that the lions which we have been troubled by are being raised in this area," recently declared Mr. Nichols. "There are thousands upon thousands of range acres in West Texas and in the Hill Country upon which there is no domestic livestock and of course little attention is being taken to prevent the increase of predators such as the lion."

Last year, Mr. Godbold, with his pack of lion dogs, got another male. Four years ago a female and her cubs were killed. Some ranchmen believe that the predators may be held down for a while until a stray pair comes into the area, where they may be able to breed for quite a while before they start preying upon domestic livestock and consequently bring about their speedy death.



"Were you born with that figure or was it produced here?"

First Studies of Distribution of Phenothiazine In Animal's Digestive Tract Recently Concluded



Studies on the distribution of Phenothiazine in the digestive tract of animals reveals that a Sheep drench is being formulated that produces a peak load of the medicant reaching the fourth stomach as early as two hours after drenching. In addition, effective amounts of this drench remains in the digestive tract for an extended period. These tests show that DR. ROGERS' SPECIAL FORMULA DRENCH is the product that accomplishes these results. It is the only product whose effectiveness has been definitely proven in actual scientific research.

The illustration above shows what happens when a properly formulated drench is administered to sheep. You will notice in the astonishingly short time of one hour after drenching there is a concentration of .15% phenothiazine in the fourth stomach. Within two hours a remarkably high peak of .57% is reached. After the peak has been reached it is as long as six hours later before the Phenothiazine concentration is reduced to .15%. It is generally known that some of the most damaging worms of sheep and goats are found in the fourth stomach. These worms include: the common stomach worm, the lesser stomach worm and the bankrupt worm. The latter two worms have been considered somewhat resistant to Phenothiazine, but recent tests show that none of these worms can withstand the treatment accomplished By DR. ROGERS' SPECIAL FORMULA DRENCH.

Dr. Rogers and his staff, through scientific research and "know how" maintain the highest standards and specifications for DR. ROGERS' SPECIAL FORMULA DRENCH. Its superior quality and its efficiency in greater worm control has been amply demonstrated. There is only one DR. ROGERS' SPECIAL FORMULA DRENCH. Others claim to be as good . . . TESTS PROVE THEY ARE NOT. Don't be misled by substitutes. Get DR. ROGERS' SPECIAL FORMULA DRENCH . . . the original pink drench . . . still the best . . . still the most economical when measured by results.

The action of this highly effective Drench does not end in the fourth stomach. It continues in a similar manner throughout the di-

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Jack Drake, Mgr., San Angelo.....Sales Wednesday, Friday

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J. B. Webster, Mgr., San Angelo, Sales Thursday, Saturday

UVALDE LIVESTOCK SALES COMPANY

Uvalde.....Sales Thursday, Friday

For Buying or Selling Your Auction Company Is Your Best Bet!



AT THE REAL COUNTY GOAT SALE

Auctioneer Lem Jones of Junction, with the mike, sells the goat on his left. Pete Gulley, in white shirt, center, records the sale, while Nancy Haby makes out the sales slip for the purchaser's signature. Just back of Nancy is County Agent A. V. Garrett of Real County. On the left is Mrs. Joan Thrasher of Utopia who was both a seller and a buyer in the sale.

THE YOUNG FOLK LIKE GOAT SALE

At Leakey the young ranch boys and girls took keen interest in the auction sale of registered Angora goats. Left to right are shown Shirley Cravey, George Haby, Doris Elms, Jackie Cravey, Frances Clark, Lorine Vaughan, Leo Poore, Nancy Haby and Otis Cox.

REVERSE WELLS

DOWN NEAR Veribest on the H. L. Sims farm are two wells which are the reverse of what ordinarily is thought of as wells. Their purpose is to allow surface water to sink into the ground rather than to afford a way of bringing it from underground. They are located in a lake bed and have been the means of rapidly draining the depression of the accumulated water after heavy rains. Today the large lake bed is affording one of the finest grain fields in West Texas on what was once practically useless land.

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Wool Maggot, Grub in Head, Ear Salve, Soothing
Nose, Soothing, Acid Free, Non-poisonous.
The Perfect Wound Dressing
HOLD UNDER PRESSURE AND DRAINS
SEE YOUR DEALER OR WRITE
AMERICAN TURPENTINE & TAR CO., New Orleans, La.

Native Plants That You Will Enjoy

By JEWELL CASEY

FIREWHEEL, (*Gaillardia pulchella*) Indian Sunburst, Blanket Wheel, and Bandana Daisy are the many names by which one of our most gorgeous wild plants is known. Surely there has never been a more colorful sight than the roadsides, hills and open fields that are literally blanketed in the spring with blossoms of this plant.

The large daisy-like flowers are varied in color. The reddish-brown centers may be surrounded with ray-petals of red tipped with yellow; orange tipped with red, or sometimes two tones of red, or entire yellow petals.

In the North this plant is cultivated in home gardens and by florists because the flowers are long lasting and may be used in many decorations. In the great Southwest, the Firewheels cover vast and extended areas.

CORAL BEAN, (*Erythrina herbacea*) "Colorin," "Corolillo, or Cherokee Bean", although a member of the large Pea Family, produces flowers that are a peculiar variation from the usual pea-shaped blossoms. It has heavy sprays of bright-red flowers, pea-shaped, but closed. The stout stems of this plant, two to five feet tall, are armed with thorns somewhat like those of the rose. The leaves are three-foliate, the leaflets, an inch or more in length, are triangular and are somewhat three-lobed, and are broader than long. This interesting plant with its conspicuous flowers is native in thickets and sandy soil in the Coastal area, but can easily be cultivated in Central Texas.

The Coral Bean is as attractive in late summer and fall as in spring, due to its fruit — black seedpods, two to eight inches long, oddly constricted between seeds, and when ripe, crack open and expose the bright scarlet beans, which ornament the pods for quite sometime before falling to the ground. Another peculiarity of this plant is that its leaves turn edgewise to the sun. Plants thrive in a mixture of sand and heavier soils. One root-stock will produce more than thirty flowering stalks.

The pretty Coral Beans were used by Indians for beads . . .

BLUE CURLS, (*Phacelia congesta*) Caterpillars, Snail Flowers, Scorpion-weed, and Wild Heliotrope, can perhaps best be described as unusual, charming and able to withstand hardships. The erect, branched plants sometimes attain a height of 2 to 4 feet, with deeply cut leaves, which are strongly scented, sometimes described as having an onion-like odor when bruised.

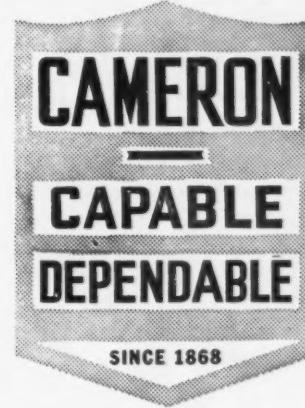
One plant produces many blossoms in coiled clusters at the tips of the branches. The small flowers are 5-lobed, (coils unfold as the buds develop), in colors shading from blue to lavender, are most noticeable be-



cause of the projecting golden-tipped stamens.

To some people the coiled tips are suggestive of snails, to others they suggest the hairy caterpillars which curl up when molested, and others say the coiled blossoming flowers somewhat resemble the flexed tail of a scorpion in striking position.

Blue Curls may be seen growing in either sandy or rocky soil; in lowlands or on limestone hills. They may be transplanted easily, or started from seeds and not only are they attractive as garden plants, but last well as cut flowers.



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REGISTERED BREEDING GOATS**

AMERICAN ANGORA GOAT BREEDERS ASS'N.

Incorporated 1900

ROCKSPRINGS, TEXAS

When Spring Comes Again



■ When spring rolls round again will you have the kind of lamb crops and wool clips that put money in your pocket? The number and kind of lambs you have may depend on how you feed your ewes over the winter.

The ewe has three big jobs—she must keep up her own body, grow wool, and feed the unborn lamb. When range is sparse and temperatures tumble, that's when your flock needs the right ration to carry them through.

VARIETY in Purina Range Checkers furnishes the carbohydrates needed for heat and energy . . . supplies protein for wool and body growth and reproduction . . . helps get big lamb crops and make lots of milk. That's why thousands of sheepmen feed Purina Range Checkers year after year.

Try research and ranch proved Range Checkers and see for yourself the *big difference* VARIETY makes. See your Purina Dealer at the Store with the Checkerboard Sign.

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E. PAUL DAGUE, MANAGER DALLAS, TEXAS

Outdoor Notes

By JOE AUSTELL SMALL

IF NEDDO was a human, she'd be 140 years old! But Neddo is a dog. She's 20 years old and that's equivalent to 140 in human life.

How? Mr. Edwin H. Schmidt, of Ft. Wayne, Indiana, owner, credits the dog's longevity to a diet of vegetables. She eats tomatoes, red beets, onions, raw or cooked potatoes, carrots, cabbage and eggplant. Her favorite dishes are cauliflower and celery.

Three years ago, Neddo gave birth to a litter of four.

Reds Cropping Up

You can't ever tell where a red will crop up these days. A Soviet whaling expedition carried back to Russia a family of red-headed penguins from Antarctic recently. They'll probably be used for propaganda purposes in the cold countries.

Flashy

For a long time fishermen who have used them know that red minnows attract more bass than natural-colored ones. But getting hold of red minnows has been the trouble.

Well, chum, lean your good ear to the wind and listen at this. Take along a bottle of mercurochrome and a little brush. Put your minnow on the hook, then give it that bewitching look with the paint brush. It works!

What, No Cheesecake?

Dr. S. W. Bromley, entomologist, says that some insects signal, or talk with one another on supersonic wave lengths. He placed a giant silkworm in an odor-proof glass cage. Soon she had male moths rushing to her window.

"She signals them by some supersonic squealing," he explained. Just like a woman.

Just the Cream, Bud!

A pet crow in Hartford, Wisconsin, can talk a little, but that's not the extent of his brilliance by far. The bird pulls off caps from bottled milk and drinks all the cream. He doesn't care for just the plain milk.

The milkman tried hiding his deliveries, but that did no good. Old crow was right on the job. He finally had to cover the bottles with a heavy box.

Rod Grips

Don't let your fishing rod get in a state of degradation like most fisher-

men. The dirt and discoloration of a cork rod grip can be removed with acetone. Apply with small sponge and wipe off with cloth. Keep it up until clean. It shore helps the looks, and feel, of a rod.

Weatherby Imperial

When Roy Weatherby came out with a new line of Imperial scope sights, he really hit something new in scope design. Some of the boys are saying that it is the greatest scope advancement in 30 years. With as much as 47½ feet in field of view at 100 yards, it offers the shooter a new experience in this line.

The Dual-Vision feature, however, is what really appeals to us. On top of the scope there are both windage and elevation controls. You just dial what you want and that's all there is to it!

The tube is strong, light and will fit any standard mount. It is dust proof, air tight, and fogless.

There are three models and they are all described in detail in the new folder Roy has out. Drop a card in the mail and it is yours for free. Write Weatherby, 2793 Firestone Blvd., South Gate, Calif.

They Gotta Have That Wiggle!

It's plumb important to keep those worms alive and wiggling—and that's hard to do during this hot weather. Just get you a hunk of florist's moss and dampen it. Don't get it wet. Pack it in a clay flower pot. When carrying your worms for a long haul, wrap the pot in damp burlap and evaporation will keep them cool and in hep shape.

Gad, What a Mistake!

Last deer season, a fellow in Wisconsin hit the dirt when a high-powered slug whined over his head. He lay tight until a red-coated female rushed up and asked breathlessly if he was hurt.

"Really, I am awfully sorry," she admitted. "I thought you were my husband!"

JUNIOR FINE WOOL

SHEEP SALE SLOW

A RAMBOUILLET ram bred by Scotty Menzies of Menard topped the Junior Fine Wool Sheep Sale at the A. H. Murchison Memorial Barn, Menard, August 27-28. Fred Hodges, Sterling City, was the purchaser, paying \$235 for the ram.

Walter Pfluger, Eden, president of the Texas Sheep and Goat Raisers' Association, paid a total of \$215 for five rams; Henry Moore, Eldorado, paid \$190 for six; Melvin Wilhelm, Menard, paid \$145 for three; Francis Kidd, Menard, \$130 for four. Only 33 of the 70 Rambouillet and Delaine rams offered were sold.

The consignors to the sale were 4-H and FFA members from Menard, Kimble, Schleicher, Sutton and Gillespie Counties. Lem Jones was the auctioneer.

Paul Newton, County Agent of Menard County, expressed appreciation to all persons and business firms for their cooperation in this first annual Junior Fine Wool Sheep Sale.



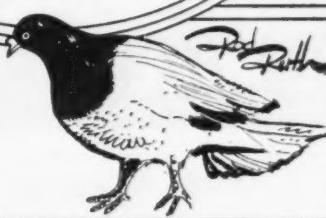
WORY TUSKS, TAKEN FROM PRE-HISTORIC MAMMOTHS DISCOVERED IN SIBERIA, WERE HIGHLY PRIZED IN ANCIENT CHINA... THEY WERE USED, IT IS SAID, IN CARVING VALUABLE OBJECTS OF ART.

THE OLD-TIME
ROMAN CITY OF POMPEII, SOME CLAIM, WAS FIRST TO PRODUCE SOAP ON A COMMERCIAL BASIS. A FACTORY, LOCATED THERE, WAS TURNING OUT THIS COMMODITY AS EARLY AS 79 A.D.

WHEN ROME'S
FIRST CHRISTIAN EMPEROR, CONSTANTINE, OUTLAWED HEATHENISH LUPERCALIAN AND FLORALIAN FESTIVALS HE ALSO BANNED SAUSAGE EATING WHICH HAD BEEN IDENTIFIED WITH FESTIVAL RITUALS... THIS PROHIBITION CONTINUED IN FORCE FOR MANY YEARS.



IN ANCIENT TIMES
PHYSICIANS TREATED HUMAN LIVER AILMENTS WITH LIVERS TAKEN FROM WOLVES AND PIGEONS...!



MEAT THROUGH THE AGES

REPRINTED BY SPECIAL ARRANGEMENT WITH "MEAT" MAGAZINE

Livestock

(Continued from page 20)

August eight big stocker and feeder cattle markets sent back 151,000 head compared with 144,000 in 1953. Buying on the range for immediate and future delivery would swell this volume considerably.

Thus the ranchman has fared much better than dog day conditions indicated. Finishers now have the big

end of those \$17.00 to \$23.00 cattle and calves, and will have to wear the hair shirt. While some naturally are holding back for lower replacement prices, the consensus is that the market will now level off and that the fat market can be maintained, even improved on long feeds so as to suggest another profitable fall and winter feeding regime, competition from the increasing pork tonnage notwithstanding. Hogs may fall to \$18.00 at Chicago but erstwhile \$20 winter-low guessers now reluctantly estimate below \$19.00, and scoff at \$15.00.

Much the same buying wave that has featured stock cattle finally swept in the feeder lamb trade, again upsetting early estimates and uncovering \$17.00 buying on the range for Corn Belt and intermountain feedlots. This means a lot more money when lambs from Texas to Montana are laid down and makes the trade wonder how much it had better revise upward earlier estimates of a \$22.00 killer trade this winter, or else. Choice grass lambs were bringing \$22.00 at mid-September, with comparable yearlings at \$17.50.

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Foxtail Johnson Objects

THE DEMOCRATS have worked away at the farm problem, and the Republicans have worked away at it, till now there ain't none of it left except about twice as much as there was to start with.

Hod Frazey needed cash so bad last week that he went over to a San Antone hospitable and offered to sell his blood for \$5 a pint. But they told him they could buy better alcohol cheaper.

Ringtail Skump got mixed in his dates and bought his wife a new ax for her birthday that ain't till November. But generous old Ringtail went ahead and give it to her anyway, figgerin' that as long as it was paid for she might as well have the use of it.

Several bad fires at moonshine stills here lately. Some depraved enemy of our main industry was suspected, but offish opinion puts the blame on spontaneous combustion.

We got a solumn prommise from the county supervisors to fix the road from Hardscrabble to Kiote Hole on account of it was breakin' the wooden wheels of our ox carts. But the road ain't fixed yet and here it's breakin' the landin' gear of our hellicopters.

Sen. Tarbush swears on a stack of red chips that if we will elect him just once more he'll get taxes reduced. Everybody believes him that thinks cotton gin is good to drink.

This world is full of freaks and no-good, hardly none of which does hardly nothin' the way I do it.

Us Squawberry Flatters don't see no sense in hirin' baby setters when we shashay out for a little night fun. If any kotes or cattamounds comes pestrin' around our younguns, they can just protect theirselves.

All depends on what sort drouth you're talkin' about. If you mean without clouds, it's only five months old.

Every critter on Squawberry Flat is mighty busy this summer, doin' what they like best. Bees hummin', Badgers diggin'. Beavers cuttin'. People snorin'.

Quite a few intoxicated rattlers around here this summer. The rattlers

ain't took up the drink habit — they just get a jag on through their fangs from bitin' people.

Been a lot of hoottin' and howlin' about that Beaver Slide crop duster's plane that crashed after collidin' with a grasshopper. Turns out it was a extra small plane but just a ordinary size Texas grasshopper.

Cannidate that calls hisself a singin' cowboy gets nominated for senator in Idaho. But he can't punch cows worth shucks, nor sing neither, or he could not afford the finanshul sacrifice.

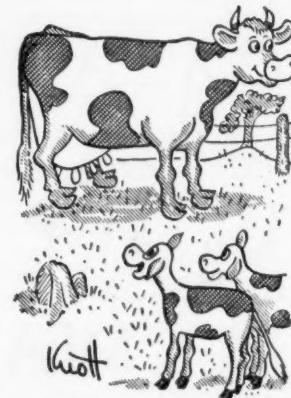
Yep! Livestock prices has finally climbed back to parity. A cowman can sell one steer for enough to buy one restandt steak.

Nature is sure wonderful. Here the wimmen switch from cigarettes to pipes for their health, and the drouth provides a big supply of corncobs with no grain to be shelled off.

Clab Huckey complains that the quality of balin' wire ain't what it was when he was a boy. "Just try to hang yourself with a piece of it," Clab says. "It'll break sure." I'm limin' up three-four of my kinfolks to make the test.

Vacation? Not for me. Travel would just take me to some place where I'd rather not be, and to quit work would mean to stop lookin' after my squawberry cordial still. No fun in that.

Fodge Rucker is tryin' to borrow money to move away from this community, but nobody'll talk business with him less'n he puts up a performance bond.



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**Expanded Sheep and Goat Show
Scheduled for Houston**

JOHN S. KUYKENDALL, Livestock Manager of the Houston Fat Stock Show, has released the announcement of considerable additions to the sheep department for 1955 and at the same time inauguration of both "B" and "C" type classes for the goat show.

A point of particular interest to the exhibitors of both sheep and goats is Mr. Kuykendall's announcement that more than \$10,000 sheep and goat money is being provided for awards to winners in the show.

A brief of the 1955 show is outlined by Mr. Kuykendall:

"We are providing classes for a Junior Breeding Show instead of setting up classes for only Rambouillet and Delaine, such as Dallas and San Antonio has done. We have set up classes for seven breeds as follows: Rambouillet, Delaine, Shropshire, Hampshire, Southdown, Corriedale, and Suffolk. In each of the breeds, there will be a class for yearling rams and ram lambs, yearling ewes and ewe lambs, and an Exhibitor's Flock. We are offering a total of \$2,604.00 cash awards for our Junior Breeding Sheep Show. They will be shown during the first week of our Show, at the time the boys' fat lambs are shown. I would like to have had them here during our Open Class Breeders Show, but due to the Gilmer-Aikin Bill, which as you know makes it hard for Junior Exhibitors to be out of school, I decided it best to have all of our Junior Show, both fat and breeding, at the same time.

"In addition to the usual breeds in our Open Class Breeding Sheep Show, we have also added classes for Columbia. In other words, we now offer classes for nine breeds in the Open Show, with total cash awards amounting to \$5,421.00. Our total Breeding Show money, both Open Class and Junior, amounts to \$8,025.00.

"We will have our usual classes for Open Class fat lambs, with a total of \$396.00 in premiums, and for our

Junior fat lambs which amounts to \$977.00. This is a total of \$1,373.00 offered for fat wethers, or a grand total of \$9,398.00 for our entire Sheep Show.

"For the first time in the history of our Show, we will have classes for goats, both B and C type. A total of \$1,020.00 will be offered for cash awards. By adding premiums for the goats and sheep, we have a total of \$10,418.00. I believe I am safe in saying we are the only show in Texas or the Southwest that offers more than \$10,000.00 in the sheep and goat department.

"The Superintendent of our Breeding Sheep Show will be Guy Powell of Kerrville, while our Fat Lamb Superintendent will be L. M. Hargrave, Professor, Agricultural Education Department at Texas Tech. Assisting Mr. Hargrave will be E. L. Tiner, Area Supervisor of Vocational Agriculture here in Houston. You probably recall that Mr. Tiner was formerly Area Supervisor in the San Angelo area, being stationed at Alpine and Big Spring. Assisting Guy Powell will be Laron Golden, Professor, Agricultural Department, University of Houston."

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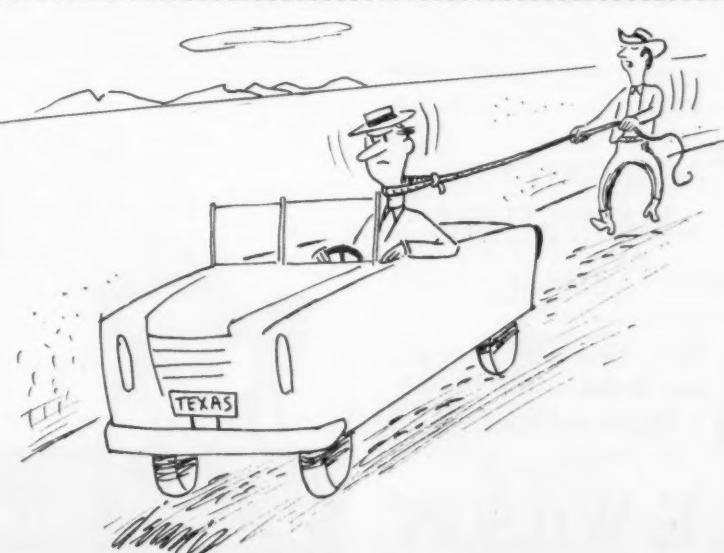
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MURDER ON THE MEADOW . . .

Case of Ten Million Sheep Killers

By DR. D. C. BOUGHTON*

WHEN primitive man first brought sheep down from the hills to his campfires on the plains, he brought their internal parasites too. Man has been cultivating these parasites successfully ever since — through the early stages of domestication of their hosts and on into the latest refinements of sheep husbandry. It is really no joke at all that if we had set out to domesticate the parasites instead of the sheep we couldn't have done a much better job than we've actually done as it is without half trying. It has been a practice — not only in the sheep industry but in other livestock industries as well — to raise our domestic animals and their parasites together as one operation.

Parasite-free domestic animals do not exist. We've been interested in developing the sheep, but we've not shaken them free of their parasites, so to speak. It's much as if a desirable grain, originally closely allied in the wild state with undesirable species of weeds, had been coddled and cultivated down the years without being separated from those weeds.

The United States Department of Agriculture has compiled statistics for nearly a century of sheep raising in this country. The average annual sheep population over this period is 45 million head. Let me give you some statistics on their parasites.

Parasite Statistics

I'll confine my figures to the tiny little beasts known as gastrointestinal nematodes — omitting the tapeworms, the flukes, the lungworms, the bots, and keds, the lice, the screwworms, and the ticks which are also part of the walking menageries we know as sheep.

These stomach and intestinal worms are less than an inch long and no thicker than an A-string of a ukulele. Individually they are so small it takes over 100,000 of them to

weigh a pound; collectively they are a powerful drag on the sheep industry.

If we set the average infection per head per year at a conservative 1,000 worms, then our annual production is 45 thousand million worms. In the last hundred years we have reared to maturity four and one-half million million worms, or 20,000 tons of the descendants of the parasites on hand at the beginning of the War Between the States.

Half of these worms have been busy females. During the years they have propagated to the tune of 135 billion million microscopic worm eggs, having a total weight of 10,000 tons, which have been scattered far and wide across our grazing lands in the droppings of their hosts. In a century of sheep raising in this country we've produced some 30,000 tons of gastrointestinal roundworms. This tonnage can be visualized as a flock of 1,000,000 sixty-pound lambs.

Worms Not Like Bacteria

In coping with disease due to worms, we should keep in mind a significant difference between it and typical bacterial diseases. When bacteria invade the body of an animal, they multiply their numbers in the body, and, if disease develops, it does so as a result of this multiplication.

The parasitic worms with which we are concerned here, on the other hand, do not multiply when they invade an animal. If I feed a susceptible lamb 100 infective larvae of the common stomach worm, then I can expect to recover later on postmortem examination no more than 100 adult stomach worms. From one infective baby worm can develop only one adult. Each worm can do only as much harm as it is capable of doing in its own right — but no more. It can suck blood, produce a toxin, or open a minute hole for secondary bacteria

(Continued on Page 38)

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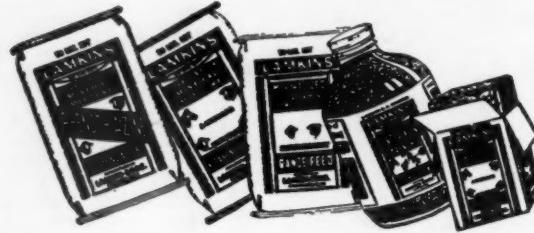
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and females mate, and thereafter some 60,000 fertilized eggs per female are discharged into the food mass in the digestive tract of the host, to be passed out onto the pasture in the droppings. The eggs hatch into baby worms, which are picked up by grazing sheep to begin again the parasitic phase of the cycle.

Contaminating the Pasture

Suppose a healthy ewe is carrying a moderate infection of stomach worms. She isn't sick, nor will she experience a disease crisis. The herdsman doesn't recognize that he has a disease condition on his hands. Yet this healthy-looking ewe is really, in a sense, in the incubation state of disease. The worms in the ewe are shedding enormous numbers of eggs onto the pasture. The disease thus brewing in the ewe will break out **not** in her but in her lamb — when it in turn becomes infected from the pasture its mother has contaminated.

Three practical points become evident when one gives careful consideration to the manners in which stomach and intestinal worms cause disease:

1. The disease is a sneaky one that may incubate unseen in apparently healthy animals during the early stages of an outbreak.

2. In passing from one sheep to another, the parasites have to spend time outside the host as non-parasitic, immature worms. These are my murderers on the meadow.

3. Acquired immunity to worm disease is not as clear-cut and precise as it is to bacterial disease.

From these points one concludes that parasite control should involve the early apprehension of the murderers while they're hiding out (as reproducing adults) in healthy-looking hosts or while they're slithering around on the pasture as infective larvae. This is to say that control should be by prevention. One concludes also that it will not be easy to make practical use of acquired immunity. Drugs will probably be a better bet than vaccines.

Immunity?

I don't mean to pass over immunity to worms too lightly. It is well known that parasitic worms elicit immune responses in their hosts, to the point of "self-cure" and protection from re-

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infection in some instances. No doubt sheepmen would welcome a cheap vaccine, but we can't expect one in the near future. For one thing, there are several antigenically distinct species of worms involved, and an effective vaccine would necessarily have to be a complex one.

Neither can we make much practical use of naturally acquired immunity in raising lambs, for example. Certainly, no one but a very desperate parasitologist would recommend that lambs deliberately be allowed to experience severe infections to develop immunity. Such a practice would be risky and expensive. In my opinion, immunity to animal parasites has no real place in those phases of livestock production in which emphasis is upon rapid growth and early marketing of young animals. Broiler and lamb chop production would be examples. To recommend the use of naturally acquired immunity is to admit we don't know anything very sensible to do. To count on it is to flaunt a false hope.

With no vaccines in prospect and with naturally acquired immunity of little practical use, we are fortunate to have a drug like phenothiazine available to help cut down the losses from internal parasites. Of particular significance is its capacity, when fed at low levels to sheep and cattle, to suppress egg production of female worms and to inhibit development of eggs which pass out onto the pasture. This is indeed a remarkable property, which one cannot really appreciate fully until he has cultured the droppings of infected ruminants receiving small daily doses of phenothiazine and noted the striking reduction in living larvae as compared with similar cultures from animals receiving no drug.

Selective "Spray" Program

This is really a sort of pin-point pasture spraying to control parasites, the spray machine being the animal itself. The drug is thoroughly mixed with the parasite eggs inside the host and is laid down on the pasture at exactly the right spot to hit the parasites the hardest. This is usually accomplished in the sheep industry by free-choice phenothiazine-salt mixtures. Phenothiazine, as you know, is also effective as a therapeutic treatment for removing adult worms.

I believe we all recognize the need for more scientific facts to help solve many remaining practical problems. Some worm species are harder to remove than others, for example. Just how long will a permanent, possibly



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BOOM . . BOOM . . THERE GOES YOUR WATER WELL! DOES SEISMOGRAPH SHOOTING AFFECT YOUR WATER WELL?

Editor's Note: This article was prepared by the Montana Division of the Rocky Mountain Oil and Gas Association for "Montana Wool Grower" and for the benefit of all ranchmen in order that they might develop better knowledge of what happens as the land owner's property is being developed and studied.

HAVE YOU ever wondered just how it might affect your water well to have a seismograph crew "shoot" a charge of dynamite a short distance away? We of the Oil Industry have worried a great deal about just that question, for ever since the first seismograph crews began working a couple of decades or so ago there have been occasional cases where it was claimed that seismograph work was responsible for damaging a well. In most cases, the owner of the well claimed that his water had turned muddy, gone "hard", or just disappeared completely immediately after a seismograph crew had worked in the vicinity. On investigation, "immediately" usually turned out to mean several months to several years later, often after a long siege of dry weather. Still, there were enough people who at least thought their wells had been injured that various Oil Companies and other investigators have tried over the years to find out just what effect our seismic explorations may have had on nearby water wells.

Considering the fact that a dynamite explosion is rather a powerful disturbance, it might seem likely that the ground vibrations resulting from that explosion could damage or collapse the casing or walls of a nearby water well. It must be remembered, however, that the earth is extremely effective at absorbing the energy pro-

duced by an explosion, and we find that the ground vibrations, which are fairly strong close to the explosion, quickly lose their strength and become so weak at a distance of just a few hundred feet from the shot hole that very sensitive instruments are required to detect them at all. Have you ever watched a seismograph crew in operation and noticed the behavior of the men when a shot is to be fired? See how careful they are to stand absolutely still and to be sure all their trucks are parked and the engines stopped until well after the dynamite has exploded. Notice the crew, too, on a day when the wind begins to rise, and you will frequently see the entire crew pick up its equipment and shut down for the day. Why? Because the ground vibrations caused by a man walking, by the movement of a truck, or by the blowing of the wind are so strong that they are able to "hide" the vibrations from the dynamite blast, just as strong static may "hide" the radio program you wish to hear. In other words, even at a fairly short distance from the shot location, the vibrations caused by the dynamite may not be as strong as the vibrations caused by such everyday disturbances as a man walking or the wind blowing. It is obvious that, to avoid damaging a water well or surface structure, we need only to be sure to locate our shot holes far enough away so that the vibrations reaching the well or structure are too small to do any conceivable damage.

Occasionally it is suggested that the explosion of a seismograph charge of dynamite may produce cracks in

crowded, pasture remain infective? Is there a significant seasonal cycle to watch out for? How does the average nutritional level in this area influence the severity of parasitism? Some of these things will have to be checked by research.

However, the broad features of a sensible parasite control program for the sheep industry stand out clearly. Actually the sheep industry is better off, as far as parasite control is concerned, than some of the other livestock industries. One good reason is that sheepmen fully recognize the gastrointestinal worms as the murderers of their sheep and destroyers of their profits. They know where to look for these scoundrels — on the pasture. And they have a weapon — phenothiazine — with which to destroy them.

* * *

***Editors Note:** Dr. Boughton is technical advisor on the Du Pont Company's animal industry products. This discussion is condensed from a paper presented by him at the annual short course on sheep production of the University of Georgia.

the ground around a nearby water well which would allow the water to "leak" downward to another formation. Here again, the question of distance is involved. It is probable that a minor amount of cracking is produced a few feet, at most, of the dynamite explosion. Dynamite, however, contains a measurable amount of energy, and it is entirely impossible that that amount of energy could produce any fracturing of the ground for more than a very short distance. This conclusion is verified in quarrying operations, where it is found necessary to space dynamite charges only a few feet away from each other in order that the material being quarried will be broken up sufficiently to permit its removal.

A seismograph explosion, then, can indeed damage your well, but only if the explosion is very close by. Reliable seismograph operators are familiar with the effects of their dynamite charges, and you can depend upon them to locate their shot holes so that there is no danger of damage to your property.



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TOO MUCH GRASS? . . . NO

It Takes Grass To Grow Grass

By C. A. RECHENTHIN
Soil Conservation Service
San Angelo, Texas

IT TAKES grass to grow grass. The drouth is proving that to be true.

Rangelands that went into the drouth with grasses in a vigorous condition and a cover on the surface

were able to make much quicker recovery when rains did come than those rangelands that went into the drouth with no cover and grass in low vigor. Those pastures that were stock-



ed conservatively, or rested, when the rains did come, have made remarkable recovery.

Grasses on the D. C. O. Wilson Ranch near Ft. McKavett, in the Eldorado Divide Soil Conservation District, look as though there was no drouth. Sideoats grama, green sprangletop, cane bluestem, and other desirable, high-producing grasses made wonderful growth last fall. That was a result of giving the grasses a chance. Wilson sold off most of his stock when he realized that a severe drouth was occurring. When the rains did come, the ground was able to absorb the rain, and the grasses were able to make quick recovery.

George Brockman, leasing the Joseph VanderStucken Ranch southeast of Sonora in the Edwards Plateau Soil Conservation District, reports that grasses show up better than they have in a long time. This is in spite of three of the driest years on record. Brockman and VanderStucken have followed a conservative system of stocking for many years. Grasses on the ranch went into the drouth in good vigor, and cover was left on the ground by reducing livestock numbers during the drouth. When rains did come, the life-giving moisture was absorbed, and the grasses responded like magic.

H. C. Noelke, Jr. says that the better grasses on his ranch near Sheffield look as though the drouth hardly affected them. He was surprised, as were many ranchers and technicians on a recent field day on the ranch, at the remarkable recovery of the grasses following the rains of late June.

These are just some of the many examples that can be found for quick recovery of grasses that have been given a chance. Many ranchers can vouch for the statement that it takes grass to grow grass.

The significance of the oft-repeated statement can be understood when it is known just how grasses and plants grow.

Plants take carbon dioxide from the air through pores in their leaves. Minerals and water are taken from the soil by the roots. These are combined, under sunlight, into plant food. The plant foods are in turn converted into plant tissues, or are stored in the roots for food reserves. These reserves are used to renew growth after a dormant period, induced by cold temperatures or dry weather. As soon as the re-

serves are used up, the plant is wholly dependent upon the food manufactured in the leaves for further growth.

The leaves, then, contain the factory which manufactures the plant food that is absolutely essential for growth and normal functioning of the plant. How important the leaves are to the plant is revealed by the fact that about 95% of the plant tissues is derived from materials absorbed in the leaves; only 5% is derived from material absorbed by the roots. Without leaves there is no factory; without a factory there is no growth.

F. J. Crider, now retired but formerly Nursery Chief of the Soil Conservation Service, conducted a series of tests that fully demonstrated the importance of the leaves in the normal growth of the plants.

He found that when the tops were removed, the roots quit growing until the tops recovered. A single close cropping of the tops stopped root growth within 24 hours, and for 6 to 18 days. When 90% of the foliage was removed in a single clipping, no roots grew for 17 days, and 40% of the roots were still inactive at the end of 33 days.

When only 50% of the foliage was clipped, only 2 to 4% of the roots stopped growing, and they renewed growth within 14 days after clipping. Removing 40% or less of the foliage had little effect upon root growth.

Severe clipping periodically, simulating close grazing, stopped growth of the roots entirely. No roots grew when 70% or more of the foliage was removed. The roots did not start growing again until the clipping had been discontinued for a period of 25 to 45 days. In other words, the roots could not grow until the leaves had been allowed to make some growth and start manufacturing food.

Close clipping of the foliage definitely upsets normal functioning of the plant. Continued severe clipping weakens the plant so that it is less able to withstand cold, drouth, disease and erosion.

Removing all foliage not only seriously affects the normal growth of the plant, but it also exposes the surface of the soil to serious deterioration. The soil organic matter burns up under the high temperatures induced by the direct rays of the sun. Temperature readings of 140 to 150 degrees have been found on barren, exposed surfaces, when atmospheric

H. C. Noelke, Jr. of Sheffield, Texas shows how high the brush was that the brush cutter knocked down. The brush now forms a mulch at his feet. This picture was taken in mid-May before any appreciable rains occurred. Note the cover of old grass on the ground. The grass and chopped brush will act as a mulch to prevent soil crusting, and help absorb the life-giving rains.

E. B. Keng of the Soil Conservation Service found this sideoats grama on the D. C. O. Wilson Ranch, near Ft. McKavett, had produced an excellent seed crop, as well as made excellent growth when rains did come. The grass was conservatively grazed for several years and then rested all summer of 1953. Rains in late summer produced this growth. Almost none of the desirable grasses were killed by the drouth.

A soil surface like this is severely crusted and very little water can be absorbed. Temperatures and evaporation are excessive, and conditions approaching a desert exist. Vegetation consists almost entirely of drouth-tolerant plants, as the poisonous broad-leaved milkweed, showing plainly, poison bitterweed and other annuals. The centuries-old oak has succumbed.

temperatures were above 100 degrees. The surface tends to crust under the trampling of livestock hoofs and the impact of raindrops, forming what is sometimes referred to as a "hoof-pan." The crust sheds water like a roof, and high loss of rain by runoff results. What moisture does get into the soil is close to the surface and is

SHOOTING UP THE EQUIPMENT

ONE OF the keenest aggravations to a ranchman is to have his telephone line down or inoperative when an emergency arises. During the heavy fall work the failure of the telephone is especially inopportune but that is one of the seasons when a breakdown is most likely to occur. The careless, thoughtless hunter may be to blame — the fellow with nothing more to do than to blaze away at insulators or crossarms on the poles.

No ranchman in his right mind would think of shooting up his own telephone system and it is not likely that he would be pleased to see someone else doing so. Cautioning the bird and deer hunter to lay off the phone and light equipment, not to shoot birds off cables and wires is a timely action now.

It follows that if a hunter is caught shooting up the insulators he is to be escorted to the gate — entrance gate, that is, with no return privilege.

usually quickly lost by surface evaporation. In low rainfall areas, evaporation and runoff from bare areas causes a significant loss of annual rainfall.

Crusted, bare soils are poor seedbeds for seedling plants. Little water gets into the soil to get the seedling started. There is very little protection from severe temperatures, high winds, and raids of the insects and rodents. Some denuded rangelands have made little recovery even when completely rested for long periods. Only the most hardy of plants, those adapted to drought or extreme conditions, can make a start in such an environment.

Invasion of such plants, mostly of low grazing value, multiply the intensity of the problem manyfold. Once these low-value plants have taken hold, it is that much harder to get the good desirable grasses back.

One of the first steps in restoring rangelands to maximum production is to evaluate the problem. Range conservationists of the Soil Conservation Service will assist ranchers in Soil Conservation Districts in making a range survey of their ranch. The range survey will determine not only what grasses and other plants are on the ground, but what plants should grow there.

Knowing this, the rancher can develop a plan for restoring the range. Such a plan is designed to fit the needs of the particular ranch; no two plans are exactly alike, but the ultimate

(Continued on page 42)

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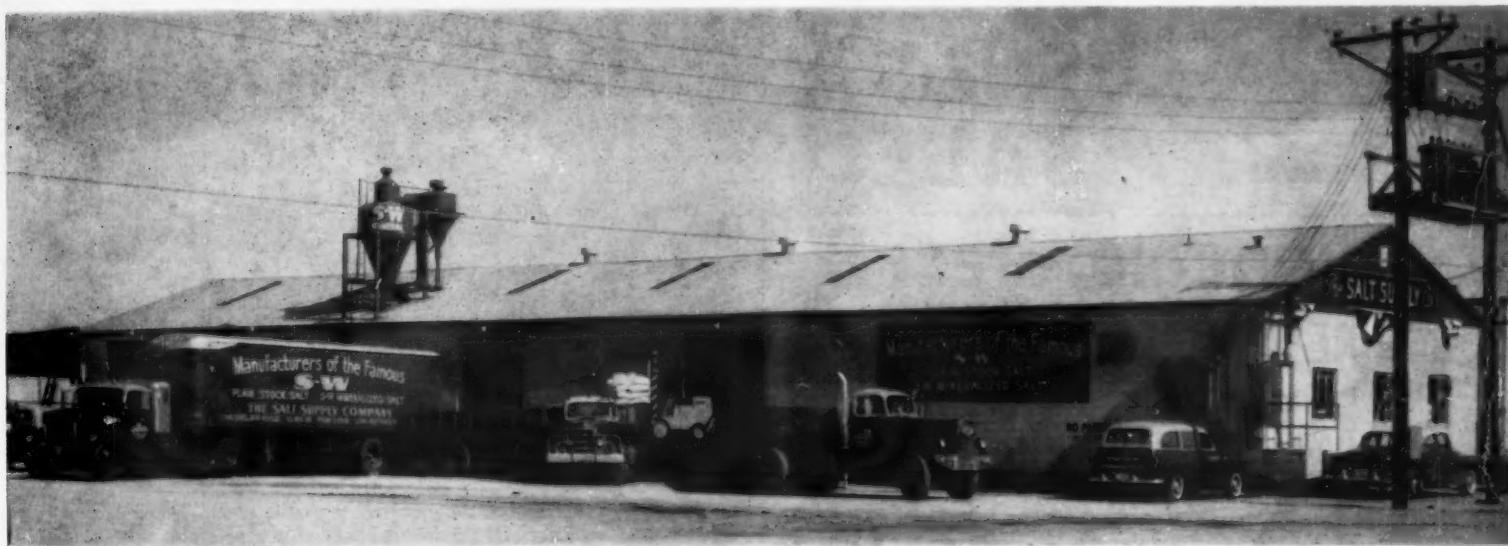
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It Takes Grass

(Continued from page 41)

mate goal is to get the grass back on the land and to keep it there.

Consideration is given to many practices in developing a plan.

Resting a range in order to permit the grasses to recover their vigor is a very beneficial practice, and can often be utilized as a step in restoring the grasses. Fencing, development of the water resources, and distribution of feed and salting grounds can be utilized to get even use of a pasture, and avoid excessive use in parts of a pasture. Grazing certain plants when they are most palatable, or in other instances forced grazing to control the increase of less desirable plants, can contribute to range improvement. Use of supplementary feeds and minerals must be considered. Control of undesirable plants by chemical or mechanical means is being widely used. Some areas need mechanical measures to break the surface crust and permit the absorption of rain water, and others need to be seeded because the good native plants are almost gone.

The cardinal principles of restoring and maintaining rangelands are to adjust the stock to the amount of forage produced, and to use the grass moderately. Crider found that removing 50% or less of the foliage had little effect on the plant growth. Sufficient factories were left in the leaves to continue making all the food nec-

essary for continued high yields. Enough was left on the ground to hold the rains and keep the soil in good condition.

So take half and leave half, for it takes grass to grow grass!

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Published monthly at San Angelo, Texas, for October 1, 1954

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(Seal) Lucille Chapman, Notary Public in and for Tom Green County, Texas.
My commission expires June 1, 1955.

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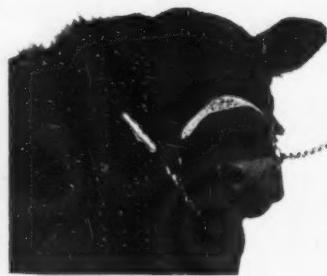
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Owner: Same
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Dam: Gloria
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Weight: 7 lbs., 8 ozs.
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The stocker and feeder market this season has again emphasized the difference in favor of quality cattle. Extra profits on only 10 calves will pay the difference between a good bull and an ordinary one. Bulls in this sale have been selected for the qualities which top the market—and all are guaranteed. For individual type and breeding background, they're the kind which will enable the commercial cattleman to realize premium prices for his calves and yearlings.

Sale starts 1:00 P.M. at San Angelo Livestock Auction Co.

Moore Bros.
ELDORADO

Herman Allen
MENARD

Joe Lemley
SAN ANGELO

Ranchmen View Nutrition Film

RANCHMEN over a wide area gathered at the County Court House in Big Lake, Texas to view a recently released film on nutrition of ruminants. It was sponsored by the Big Lake State Bank and some dozen other area banks.

The feature of the program which was arranged by H. B. Rees, president of the Big Lake State Bank, and J. M. Whittenburg, district sales manager

for the Ralston Purina Company, was a talk by R. E. Spangler, who heads the Purina Experiment Farms at Gray Summit, Missouri.

A movie, "The Rumen Story" in color drew careful attention from the ranch people interested in the revealed new discoveries in rumen nutrition.

Also attending from St. Louis was W. J. Sims, manager special promotion of the Purina firm.



THE RANCHMEN LISTEN

After the barbecue, the ranchmen sat under the trees of the court-house lawn and listened.

BANKERS CONFER

These bankers enjoyed their contact with the ranch people of West Texas at Big Lake and listened carefully to the program. Front row, left to right: Lowell Littleton, Ozona; Karl Butz, Fort Stockton; Ed Hill, Eldorado; and standing: R. V. Middleton, Big Spring; Chester Cathey, Midland; Jim Tom, Stanton; Horace B. Rees, Big Lake, one of the hosts; and Paul Lassen, San Angelo.

A grizzled ranchman the other day was complimented on his beautiful home recently completed. He shook his head sadly and declared "It's been a Jonah. Since I built this house it hasn't rained. My friends have quit coming to see me, just about. The kids especially are scarce around here now — 'fraid they will scratch, break

or dirty something. Can't borrow any money on the house to feed my livestock and I need the money. My kids have grown up and the last one left for the Navy last month. So, all me and my wife do now is look at the walls of this dam house and try to figure out how we can keep on subsidizing a bunch of cattle!"

New Use For Firecrackers . . . To Dampen Deer's Spirits

THE INGENIOUS use of firecrackers resembling tiny bombs has given farm crops protection from damage by night foraging deer and predatory birds in several Texas counties this year.

Fuse ropes of various lengths hung at random in fields with the firecrackers inserted to explode at fixed intervals did the business. The method was introduced this season and the trials were purely experimental, reports Doyle L. Moore, the Colorado county agricultural agent.

In a trial in the Metz community of that county, a 48-foot hank of fuse rope was placed at two locations in a peanut field visited by deer. The fuse was lighted at 9:00 P.M. nightly and allowed to burn until daylight, while firecrackers inserted in the rope were spaced to explode at about 45-minute intervals. Location of the devices should be made with fire hazards taken into account.

The experiment proved so satisfactory that additional fuse ropes of five and seven feet were used nightly. The reaction to the test was that the firecracker method would work, but once commenced must be used nightly or the predatory animals would re-enter the field being protected.

The fuse rope, which smoulders slowly, consists of lint-like material twisted to about the thickness of a knitting needle. In turn these are drawn together in resemblance of a rope about finger thickness with a black thread tracing its length. The rope may be hung from a fence post, tree limb, stick or otherwise, with the

tiny bombs attached by their fuses at chosen intervals. As the smouldering fire eats its way up the rope, fuses are ignited and the bombs drop to the earth one by one, and explode.

Extension Service Wildlife Specialist R. E. Callender observed the working of this control method throughout the crop growing season. He noted that deer didn't linger in the field after an explosion; but also observed that unless explosions occurred at fixed periods nightly, "The deer didn't run so far."

REAL COUNTY GROWERS HOLD SUCCESSFUL SALE

THE TOP sale of the third annual Real County Angora Goat Breeders was that made by T. L. Brooks of Leakey to Bob Ingram of Del Rio for \$165. Jack Richardson paid \$100 for a Claude Haby, Leakey, Angora doe to top the doe sale.

The 17 consignors found bidding slow in spots but in the main the sale was a good one with the buyers showing keen interest in quality.

Gail Nichols of Leakey sold a nice buck to Bob Davis of Uvalde for \$105.00.

The sale averages as revealed by auctioneer - secretary Pete Gulley of Uvalde were \$45.55 for 108 bucks and \$50.46 for 16 does.

Lem Jones and Gulley cooperated in the auctioneering.

The S. B. Roberts ranch located in the eastern end of Sutton County, consisting of about six sections, has sold to H. H. Lawler of Junction.



INFORMATION FOR TEXAS SHEEP AND GOAT RAISERS

Many readers of this magazine are not members, but should be!

Join The Association

The payment of 25 cents per bag on wool and mohair as sold each year makes you a voting member of the Texas Sheep and Goat Raisers' Association, Inc. Ask your warehouseman to deduct dues from the sale of your clip through the use of the form below or send them direct to the Association by personal check.

Your annual dues are used for:

1. Maintenance of a state organization for the betterment and protection of growers' interests — your interests.
2. Representation of Texas growers before state and National legislation and government agencies on matters affecting the industry.
3. Membership in the National Wool Growers Association for representation in National affairs.
4. Representation and membership in the American Wool Council for promotion of wool and mohair.
5. Close cooperation with Texas Rangers on livestock theft.
6. Year's subscription to Sheep and Goat Raiser Magazine.

The strength of any representative organization is entirely dependent on the support given it and the number of persons or the components it is authorized to represent. The more members the Association has, the wider can be its scope of representation, and the more effective will be its endeavors.

Fill in the form below, cut it out and mail it now to:
Texas Sheep and Goat Raisers' Association,
Cactus Annex, San Angelo, Texas

Date _____

To the President of the Texas Sheep and Goat Raisers' Assn.: _____

This is authority for _____

(Enter name of warehouse handling your clip)

to deduct 25 cents per bag each year until further notice from the sale of my wool and/or mohair for membership in the Texas Sheep and Goat Raisers' Association, except that if I have one, two or three bags, \$1.00 will be deducted.

I am to receive one year's subscription to the Sheep and Goat Raiser Magazine with each year's dues, of which 50c annually is used for this purpose.

Signed _____

Address _____

HILL COUNTRY HEREFORD ASSN. ANNUAL FALL SALE

**WEDNESDAY
OCTOBER 27
1:00 P. M.**

MASON, TEXAS

**70 BULLS ★ 12 FEMALES
INCLUDING SIX PENS OF THREE BULLS AND
ONE PEN OF THREE HEIFERS**

WALTER BRITTEN, AUCTIONEER

**THE CATTLE WILL BE JUDGED AT 9:00 A.M. BY
WALTER BARRET**

—WRITE FOR CATALOG—

E. S. HYMAN, SECRETARY, MASON, TEXAS

EXCITING! FALL RACE MEET

The Southwest's Best

**OCTOBER 14 - 17
DEL RIO, TEXAS**

**★ EIGHT PURSE RACES DAILY
★ MATCHED RACES**

MAKE YOUR PLANS TO COME

SPONSORED BY

Del Rio Livestock Association

**STALL RESERVATIONS MAY BE MADE BY
WRITING BOX 966, DEL RIO, TEXAS**

Ranchmen Look Forward To Del Rio Fall Race Meet

TOP QUARTER horses of the nation will assemble in Del Rio for the Fall Race Meet on October 14 to 17 under the auspices of the Del Rio Livestock Association.

The local track is the only one in Texas affiliated with the National Quarterhorse Racing Association and where horses may be graded.

Eight races are run daily at Del Rio Park and matched races are added to the card.

Early entries include E. L. Bass's Larry's Star, Galley's Topper, Danger Boy S., Pop's Folly, Amboree, and Texas Ike. Bass is from the Rafter Six Ranch, near Houston.

C. E. Cellum of Edcouch has entered Proph II, and D. W. Crutchfield of Boerne will run Pair-O-Tea,

Cactus Kate, Amies Trail, and Ruler's Tony. Coming from Lamesa, Lonnie Dillon has entered Trim Tab and She'll Be.

Lester Goodson of Houston has entered Bull Eagle, Seco Midnight, and Vinegar Bend. W. C. Ricketts of Houston will race Band Price and Snookie's Pride. Oscar Fox of Lawton entered Josie's Bar, and the Geo. Parr entry from San Diego is Par Possum.

Dr. Thomas M. Johnson of Del Rio has entered Macapt and Rado's Image.

Other quarter horse owners who have declared they will be here for the meet with entries are Clyde Jennings of Corpus Christi, J. B. Ferguson of Wharton, and A. B. Green.

Work on Feed Control Laws

REPRESENTATIVES of the Texas Sheep and Goat Raisers' Association met at the Roosevelt Hotel, Waco, Texas, September 7, 1954, at a meeting sponsored by the Texas Farm Bureau for the purpose of studying the Texas feed control law and formulating plans which include revision of such laws for protecting the producers and consumers of feed stuffs. Representatives of many producer organizations agreed that a total revision of the present feed control law is advisable.

Representing the Texas Sheep and Goat Raisers' Association at the meeting were Leo Richardson, Iraan; Raymond Hicks, Bandera; and T. A. Kincaid, Jr., Ozona, all members of a

committee set up some time ago for the purpose of studying this feed control law problem, and this committee initiated in the Association the present state-wide move for feed control law revision.

It is planned that the proposed legislation shall contain the following provisions:

(1) It should provide for control of the sale of feed for all animals and fowls other than humans.

(2) It should provide authority for testing of all ingredients, including minerals, vitamins, anti-biotics, and other similar ingredients, by the control service. Also, the tags should list the effective date of ingredients subject to deterioration.

(3) The present system of taxing certain ingredients and then taxing the new product derived from the combination of these ingredients should be continued. This principle should be clarified in the proposed legislation.

(4) Authority should be given to the feed control service to enter a plant during business hours and make inspections.

(5) Penalties should be severe enough to discourage repeated violations. Each sale should constitute a separate offense. It was suggested that a refund to purchasers of inferior products might be included as a penalty. The group felt that better enforcement would probably result from a penalty that would allow most cases to be tried in Justice of the Peace Courts.

(6) A penalty should be provided for violation of the weights and measures law as regards feed stuffs.

(7) The method of paying taxes should be by the tax tags method and not by the invoice reporting system.

(8) It should be short and simple, with adequate authority to effectively administer the law.

(9) Only custom milling or mixing should be exempt from control.

(10) Surplus funds, after enforcement costs, should be used for research.

**Ranchmen!
Come to the
Fall Race Meet**

**AS ALWAYS
YOU'LL FIND
A FRIENDLY
WELCOME AT**

**Mrs.
Crosby's**

CAFE and HOTEL

**Most Modern Cafe
on Mexican Border**

Ciudad Acuna, Mexico

**SHEEP IN PENS**

Mixed ewes in the pens of T. A. Kincaid, Jr., Crockett County, prior to the culling demonstration.

Sheep and Wool Improvement Committee Gives Demonstration

THE CROCKETT County ranch of Mr. and Mrs. T. A. Kincaid, Jr., was the site of the first selection and culling demonstration sponsored by this special committee of the Sheep and Goat Raisers' Association — date was Friday, September 3rd.

Special thanks were extended to committee member Kincaid for furnishing the sheep, and to Fred T. Earwood and James A. Gray for demonstrating how they should be classed.

Some 1800 head of ewes, rams and lambs were worked. Mr. Gray, Extension Sheep Specialist, pointed out that roughly 2/3 of a sheepman's income is furnished by lamb and 1/3 by wool, so that approximately 2/3 of the emphasis should be placed on size and mutton conformation. Regardless of the breed or type preferred by a grower, efforts are made to obtain wool with a uniform type and grade of good staple length — a premium quality product.

The ewes and rams were divided into three groups — blue, top — red, second — and green, third. It was recommended that the number one rams be used on the number one ewes, number 2 rams on number 2 ewes, etc., and that replacement ewe lambs be saved from the top two

groups only. Naturally a higher per cent of the ewe lambs born in the blue group should be good enough.

The classifiers divided the ewe lambs into only two groups — keep and sell. After further opportunity to develop, they should be classified into the three groups.

Mr. and Mrs. Kincaid served a delicious barbecue dinner to some 78 persons representing all phases of the Texas industry.

J. T. Davis, banker and ranchman of Sterling County has sold to J. R. Canning of Eden 1,311 mutton lambs averaging 84.6 pounds at \$15.75 cwt.

Mr. Canning also bought about 1,700 lambs from the Glass Estate in Sterling County. The lambs averaged 83 pounds and sold at \$15.75 cwt. These lambs were placed on the C. H. Sugg 7-D ranch south of Sterling City some 25 miles.

The ranch family was quite perturbed when a shiny automobile drove up in front of the ranch house and began honking loudly. The ranchman made inquiry and found that the automobile was a taxi from Eagle Pass loaded with four wet Mexicans who had picked the ranch to apply for a job — taxi fare collect, of course.

CLASSES AT WORK

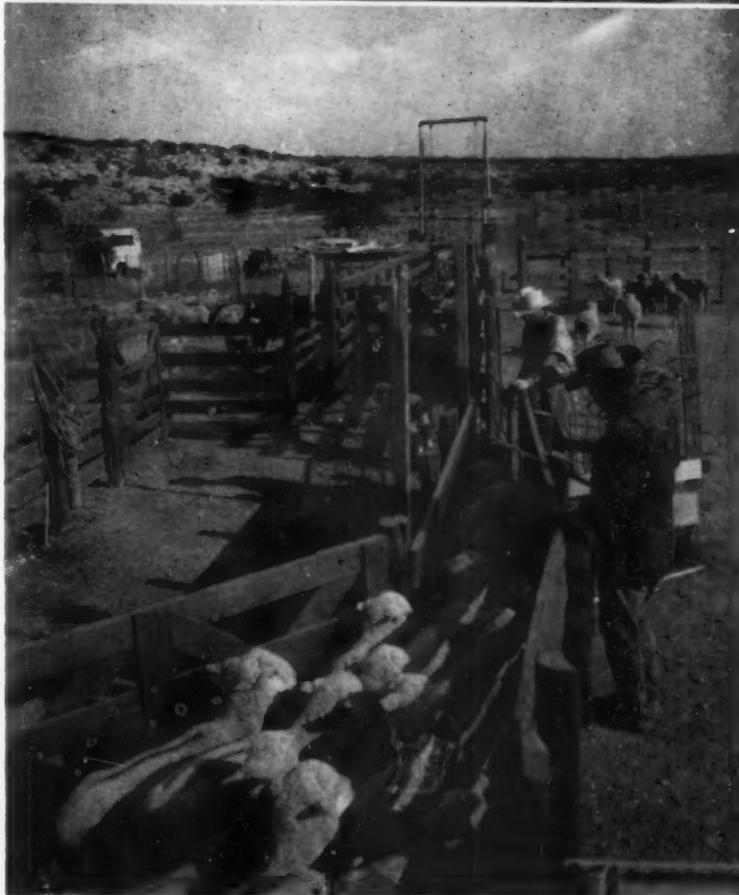
Sheep were placed in small pens where Jim Gray, Extension Service Sheep Specialist, and Fred Earwood, Sutton County ranchman, made thorough inspection of the ewes, selecting and classing into three groups according to quality.

MARKING THE RAMS

The rams were carefully inspected and sorted according to quality into three groups. Fred Earwood is marking one of the Rambouillet rams.

THROUGH THE CHUTE

T. A. Kincaid, owner, at the dodge gate separating the sheep which have already been marked.



Range Talk

Jim Maddox of Sweetwater early in September bought around 2,000 mixed Rambouillet lambs for September 15 to October 10 delivery. The sellers were Schultz and Forrest, Ty Allen and John Calvert, all of Maryneal.

George Bean of San Angelo, who operates a 14,000-acre ranch in Crockett County, has purchased through Jack Garrison, San Angelo real estate man, a 6,300-acre ranch near Carta Valley from E. F. Sanders, San Angelo. Coke Westbrook, also of San Angelo, is leasing the place.

Leroy Russell, San Angelo livestock dealer, purchased early in September from Bert Kincaid, Jr., Fort Stockton, 500 lambs; and 1,000 mutton lambs from Austin Millspaugh, Ozona, at 15½ cents a pound; 1,000 mixed lambs from Joe and Batts

Friend, Ozona, at 16 cents; 600 solid-mouth ewes from Batts Friend for \$8 per head; 1,000 lambs from Mrs. O. L. Judkins, Menard. The latter averaged 76 pounds and the others were estimated to weigh 72 to 73 pounds.

Bob Hurt and Al DuMain, San Angelo, purchased about the middle of September 2,000 ewe lambs from Hutto Bros., Del Rio, at 16½ cents. The lambs averaged 70 pounds. Hurt and DuMain also purchased 1,900 mutton lambs at Comstock for 16 cents.

Percy Roberts, a San Angelo livestock dealer, recently contracted 1,800 mixed yearling goats from Gus Witting, Junction, at \$5.75 per head out of the hair for spring delivery.

W. T. Powell, San Angelo, has sold the Concho Valley Feed Company in San Angelo to Len Turney, Sonora. Turney, who has the Nutrena franchise in West Texas, will remain

in Sonora. J. G. Fields of Sonora is interested with Turney in the feed business and has moved with his family to San Angelo. He will manage the San Angelo firm.

The heavy metal signs reading "Posted — Member Texas Sheep and Goat Raisers Ass'n., Inc." are available on lease to members of the association. They may be obtained by writing the Association office or by dropping by and picking them up. The cost is \$1.50. The address is Texas Sheep and Goat Raisers' Association, San Angelo, Texas.

The Agricultural Livestock Finance Corporation's general manager, W. E. Fitzhugh of Fort Worth, believes the sheep industry is tops. "Sheep will pay out easier and quicker than any other kind of livestock," he declared recently in West Texas as he was looking over the area where his firm has many customers. Mr. Fitzhugh believes sheep will come back fast with the return of normal rain-

fall and make more money quicker than cattle.

Bill Hemphill, San Angelo, recently sold through Cam Lawhon, San Angelo, 1,000 Rambouillet mutton lambs at 15¢ a pound to Jack Shaw, Fort Worth buyer.

Ralph Pembroke, Big Lake, has sold all of his commercial sheep and all but 400 Suffolk ewes. "I've never seen it so dry but I have had a good demand for my Suffolk rams and I haven't sold any under \$75 per head."

Raymond Pfluger of Eden sold 400 mutton goats to Percy Roberts of San Angelo recently at prices current for that type of livestock. Roberts usually buys this type of goats for a serum account.

Adolph Stieler of Comfort bought 360 head of three- and four-year-old Delaine-Corriedale cross ewes from Gus Sproul of Mt. Home at \$8 a head.

THOROUGHBRED HORSES

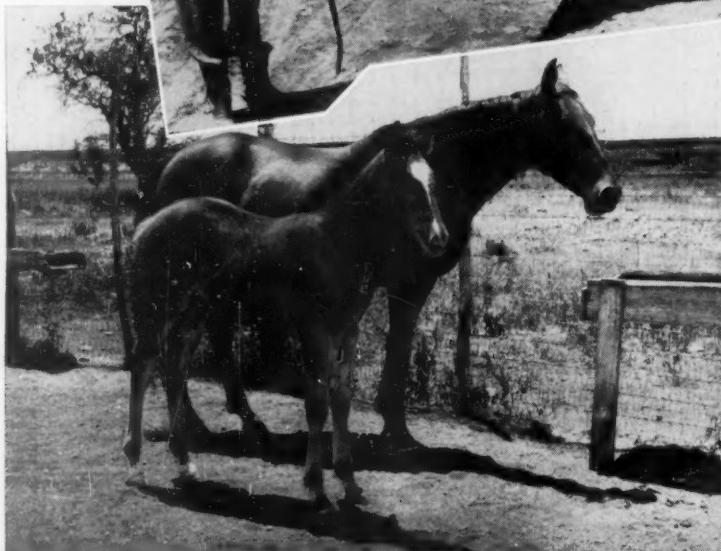
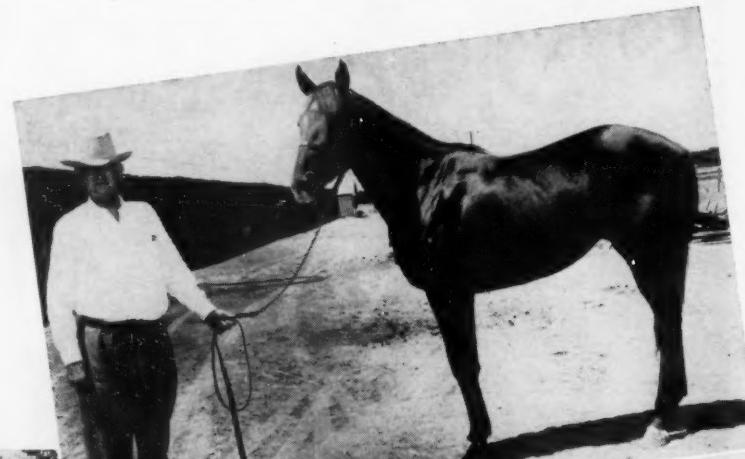
G. R. WHITE

BRADY, TEXAS

Lou Moud, one of our top stallions by Mahmoud



Trim Destiny, one of our top Thoroughbred horses



Some of our
two-year-olds

Texas Delaine News

By MRS. G. A. GLIMP

THE COMING of fall brings to a close the usual festivities of county fairs and livestock shows. The recent Boerne Fair was a huge success in every respect. The crowds were exceedingly large, and the exhibits very good. The Delaines were well represented and a list of the results follows:

Aged rams — 1, F. H. Lohman & Son; 2, L. & W. Steubing; 3, R. Dietz. Yearling rams — 1, David Watters; 2 & 3, Francis Kott. Ram lambs — 1, David Watters; 2, Castleberry; 3, Watters. Aged ewes — 1 & 3, Castleberry; 2, F. H. Lohman & Son. Yearling ewes — 1, Lohman & Son; 2, Kott; 3, Castleberry. Ewe lambs — 1 & 3, Castleberry; 2, Watters. Champion ram — David Watters. Reserve ram — Lohman & Son; Champion ewe — C. C. Castleberry; Reserve ewe — Lohman & Son.

C. C. Castleberry is another of our junior breeders who is to be commended on the splendid job he has done of fitting and showing a show flock. C. C. purchased his ewes from the Clyde Glimp's dispersal as a club project. He now has some very nice foundation animals for the flock he plans to maintain even though he is enrolled in John Tarleton College.

The Cen-Tex Fair in Temple was very good again this year. Dr. J. C. Miller judged the Delaine Show. Temple still maintains both "B" and "C" type Delaines. F. R. Kimbrough of Salado was top winner in the C type division, having both champions and in the B type division, W. C. Millsap had the champion ewe and F. R. Kimbrough the champion ram.

Each year has brought new names to our breeders list since the 4-H and F. F. A. boys and girls have been using foundation stock as club projects. We always welcome the new breeders, and we are especially happy to be able to summarize these projects as the most successful venture for some of our girls and boys. Among the latest to be added to our list this month are: Comer Linn, Menard; John Striegler and Kenneth Stewart, Lometa; Connie Todd, Goldthwaite; Charles Garrett and Garland Anglin of Hamilton. We wish for them every success and hope to see them at the stock shows.

Marshall Harbour and Laddie Smith of Lometa F. F. A. are adding to their Delaine flock as a result of

last year. Each of these boys bought ewe lambs as projects again this year, and they are doing nicely.

The adult and junior breeders Deaine show at the Pan-American Exposition in Dallas promises to be the best ever held. The entries have been unusually heavy and competition will be keen. Those who have not entered one or the other of these divisions should be on hand, anyway, as the animals on exhibit should be those that will provide much interest in future shows.

There are still some of the Delaine Breeders signs available in my office. To those of you who have not purchased and would like to do so, please get in touch with me.

Mid-September sales of wool included some 200,000 pounds from the Western Wool and Mohair Company at various prices to 62½ cents.

HE GOT A CARIBOU

IT IS a far cry from drenching sheep in the hot sun of West Texas to the frigid Arctic Circle. Ira Green, San Angelo livestock medicine man, made the trip in August and September. Far into the Yukon territory he lug ged his 30-06, where he shot it once

to bag a caribou — not an exceptional one, but good eating. He spent most of his time fishing for Arctic graylings and feasting on delicious wild berries.

Mr. Green has made the northern trek a number of times and is one of the few men to have killed all four species of wild sheep.

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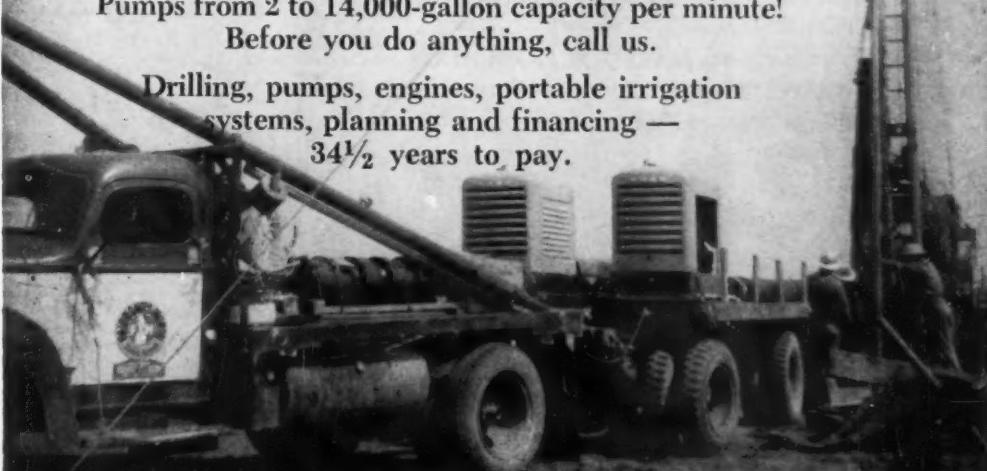
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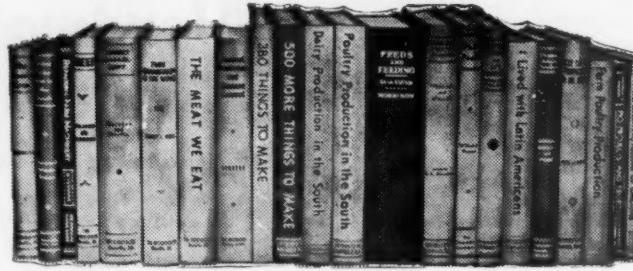
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"AMERICAN WOOL HANDBOOK" by Bergen-Mauersberger.	\$10.00	"DOG ENCYCLOPEDIA" by Davis. Incomparable.	\$10.00
"ANIMAL SCIENCE" by Dr. H. E. Ensminger, Chairman, Animal Husbandry Department, Washington State College	\$7.00	"FEEDS AND FEEDING" by Morrison. The standard.	\$7.00
"APPROVED PRACTICES IN BEEF CATTLE PRODUCTION" by Juergenson.	\$2.10	"FEED MIXER'S HANDBOOK" by Sherwood.	\$3.00
"ARTIFICIAL INSEMINATION OF FARM ANIMALS" by Enos J. Perry.	\$4.00	"TEXAS SHEEPMAN" by Winifred Kupper.	\$3.00
"THE AUSTRALIAN WOOL INDUSTRY" by H. Munz.	\$2.00	"A HANDBOOK ON TEACHING VOCATIONAL AGRICULTURE" by G. C. Cook, Assistant Professor Agricultural Education, Michigan State College.	\$3.00
"CAP MOSSMAN, LAST OF THE GREAT COWMEN" by Frazier Hunt.	\$3.75	"THE HORSE OF THE AMERICAS" by Robert M. Denhardt.	\$5.00
"BEEF CATTLE PRODUCTION IN THE SOUTH" by D. W. Williams.	\$3.50	"LIVESTOCK HEALTH ENCYCLOPEDIA" by Rudolph Seiden.	\$7.50
"COMMERCIAL POULTRY FARMING" by Charles and Stuart.	\$4.75	"LIVESTOCK JUDGING HANDBOOK".	\$3.75
"SHEEP SCIENCE" by Professor Kammlade.	\$6.00	"RANGE SHEEP & WOOL" by Hultz and Hill.	\$4.00
"THE TEXAS BORDER AND SOME BORDERLINERS" by Robert J. Casey.	\$5.00	"SHEEP" by Horlacher and Hammonds.	\$2.50
"380 THINGS TO MAKE FOR FARM AND HOME" by Glen Charles Cook.	\$3.75	"SHEEP, FARM, AND STATION MANAGEMENT" by E. H. Pearse. Tops.	\$4.75
"THE WESTERN HORSE" by Gorman.	\$3.50	"SHEEP MANAGEMENT AND DISEASES" by H. G. Belschner, D. V. Sc. The best.	\$10.00
		"COWBOY DANCES" by Shaw (Music, Words, and Instructions).	\$5.00
		"TRAIL DRIVING DAYS" by Brown-Schmidt.	\$7.50

These books and many others are in our Book Department. On orders of five or more, deduct 10%. On ten or more, deduct 15%. All orders are guaranteed. No orders C. O. D. please.

Sheep & Goat Raiser

HOTEL CACTUS BUILDING

SAN ANGELO, TEXAS

**SALE TOPPER**

Scotty Menzies, Menard 4-H Club youth, and a number one quality stud ram of his own breeding, which sold for \$235.00 to top the first annual Junior Fine Wool Breeding Sheep Sale held at Menard on August 28th. L. F. Hodes, long-time Sterling County Rambouillet breeder, proudly poses with latest addition to his stud ram battery.

RAIN

RAINS IN late September over practically all of the southwestern area of the range country considerably alleviated drouth conditions and gave promise for winter grass and weeds. The Davis Mountain area of West Texas, already in fair to excellent condition, received light rainfall. Crockett and adjacent counties received rainfall up to two inches, while parts of Val Verde and Edwards Counties reported measurements up to five inches. Dry Llano and counties in that area received rainfall measuring one-half to two inches or slightly better. Much of the country reported on the first of October that rains were still falling.

A prediction that most livestock prices in the stockers would strengthen has already been vindicated as some stocker sheep prices immediately jumped about \$1 per head.

Hugh and Roger Rose and Leo Adams in the Sanderson area are reported to have sold Al DuMain and Bob Hurt, order buyers, San Angelo, between 3,000 and 3,500 mixed lambs at 15½ to 16½ cents a pound.

Doug Kirby, Ozona, was reported early in September to have bought 500 mutton lambs from Vic Montgomery, also of Ozona. The lambs averaged 77½ pounds and sold for 15½ cents.

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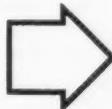
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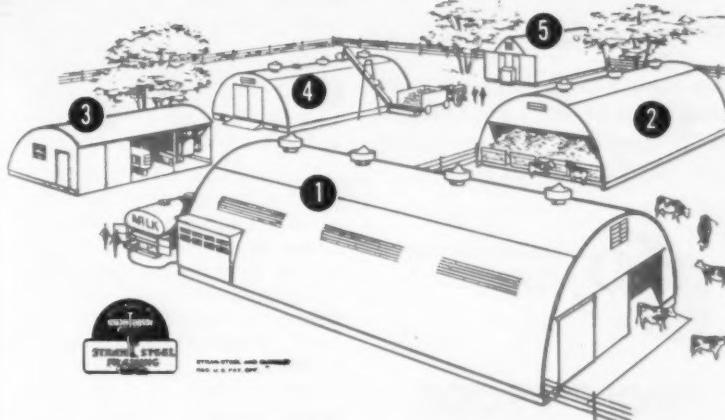


Hay lofts built into this Quonset 24 x 72' cattle shelter make feeding easy on the ranch of R. E. Smith, Houston, Texas. Mr. Smith has 12 Quonsets on his ranch.



"This shop in my Quonset 24 x 72' machinery storage building enables us to service and repair farm equipment in any kind of weather," says Russell Ridge of Albany, Georgia.

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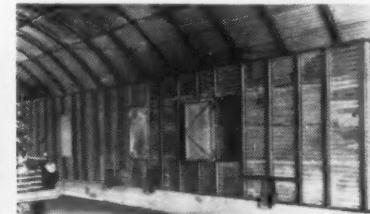


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- 4 Pick corn earlier and store it safely in a Quonset Corn Drying and storage building.
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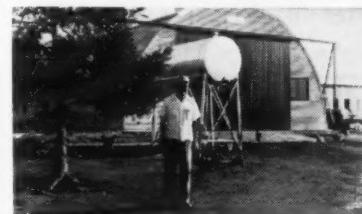
See your Quonset dealer today about these money-making, labor-saving Quonsets for the farm. Easily financed through the Quonset Purchase Plan.



Ben Anderson (right), Woodruff, S. C., uses his Quonset 16 for storage and drying of wheat. Safe storage of grain for higher post-harvest prices paid off for him.



Interior of Quonset 32' x 60' adaptation for grain, seed, equipment and storage on the farm of Grady Halbert, Foard City, Texas. The grain storage bins total 3,000 cubic feet.



"My Quonset gives me space for a workshop too," says Stan Strait, Nash, Oklahoma. His Quonset—a 32' x 72'—is used for machinery storage and shop.



"Our Quonset 40 x 140 is better for hay storage than any building we've ever owned," says Harold Allison, Lamb County, Texas. "It paid for itself in ten months."

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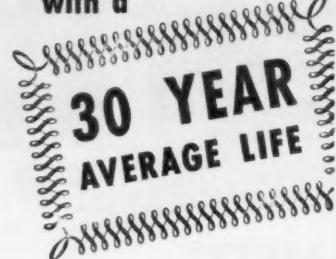
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Barbed Wire 80 rod spool.....	8.12



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Debouillet Sheep Breeders Form Organization Following Sale

SOME 300 sheep growers and friends from Mexico, Texas, and New Mexico gathered for lunch and to attend the first private auction of Debouillet rams at the A. D. Jones Estate headquarters near Tatum, New Mexico, Wednesday, September 15th, 1954.

Three hundred fifty-one yearlings and lamb rams were sold. The top price being \$330.00 paid by Foster Price of Sterling City, Texas and the second high was \$190.00 paid by M. P. Renfroe, Melvin, Texas. The sale averaged \$35.25. Before the start of the sale, Walter Britten, the auctioneer, announced that some of the ram lambs advertised and shown are withdrawn from the sale in consideration of the probability of making this an annual sale and these lambs would be needed to support such next year.

Following the sale, a meeting composed of Debouillet breeders, interested in setting up a Debouillet organization in order to attain recognition for the breed by the Department of Agriculture, was held. After much discussion, organization was decided upon. Qualifications for registration of sheep are to be based on merit — minimum length of staple, spinning count, pounds of clean wool per fleece, body conformation, etc.

Ralls C. (Punch) Jones of Tatum and Roswell, New Mexico was elected President; Foster Price, Sterling City, Texas, Vice-President; Mrs. A. D. Jones, of Roswell and Tatum, New Mexico, Secretary-Treasurer. Those attending the meeting will constitute the Board of Directors. A committee of five, M. E. Thorpe, J. R. Skeen, L. W. Wittenburg, M. P. Renfroe, and Foster Price was appointed by the President to draw up the constitution and by-laws to present to Board of Directors. Ivan Watson of the New Mexico A. & M. College will serve in an advisory capacity and Ralls Jones as member ex-officio of the committee.

The Debouillet breed or type of sheep was originated in 1920 by the late A. D. Jones of Roswell and Tatum, New Mexico. Mr. Jones used the best Delaine rams he could obtain on his purebred Rambouillet ewes

for eight years, each year topping the ewe lambs for replacements. In 1928 he began to top the ram lambs and using them to promote the type of sheep he desired, smooth large body with long fine wool. The name "Debouillet" was given to this type or breed by Mrs. Jones following the death of Mr. Jones in 1943.

Through the efforts of Mrs. Jones and two sons, Ralls and Dixon, also Ivan Watson of N. M. A. & M. College, this breed continues to merit recognition. The Jones flock in range condition averages a good 3 inch staple of 64-70s with 5.5 pounds of clean wool per fleece. The lambs run a strong 85 pound average.

Due to the demand for this type of sheep many Debouillet breeders felt the time for organization and recognition by the U. S. Department of Agriculture had arrived. Hence elected officers and committees are now working to complete the organization. The mailing address will be 300 South Kentucky Avenue, Roswell, New Mexico.

Debouillet Range Ram Sale September 15, 1954

Beavens, R. A., Piedras Negras, Coah. Mexico	31
Cleve, Charles, Elk, N. M.	10
Corn, Hub, Roswell, N. M.	10
Corn, Robert, Roswell, N. M.	10
Coffin, Paul, Artesia, N. M.	15
Foster, R. T., Sterling City, Texas	4
Graham, Mason, Lovington, N. M.	10
Gentry, Fred, Pinon, N. M.	10
Hankins, J. O., Rocksprings, Texas	20
Harral, W. W., Rankin, Texas	2
Hays, H. A., Big Springs, Texas	2
Keeling, Scott, Van Horn, Texas	10
Moore, John, Caprock, N. M.	10
Merritt, Don, Pinon, N. M.	8
McKnight, Florence, Roswell, N. M.	4
Noguess, W. J., San Angelo, Texas	1
Price, Foster, Sterling City, Texas	1
Perez, Ramon, Vaughn, N. M.	3
Runyon, Frank, Artesia, N. M.	16
Runyon, John, Artesia, N. M.	21
Robbin, J. W., Rankin, Texas	25
Reeves, Austin, Roswell, N. M.	5
Renfroe, M. P., Melvin, Texas	4
Slaughter, Bill, Van Horn, Texas	20
Slaughter, Tom, Roswell, N. M.	5
Smith, Bob, Roswell, N. M.	1
Thorpe, M. E., Las Cruces, N. M.	5
Taylor, Zack, Tatum, N. M.	5
Treat, Bill, Roswell, N. M.	10
Van Court, Hawley, Crane, Texas	34
Vance, J. W., Santa Anna, Texas	5
Wittenburg, L. W., Eden, Texas	5
York, J. N., Gale, Texas	20
Yoder, K. A., Roswell, N. M.,	15

351

W. A. (Butch) Strickland, McCulloch County sheep breeder, showed his Rambouillet to first and second places in the yearling ram division of the Fredericksburg Fair in August. He showed the reserve champion in the yearling ewe division. He also took third place in the yearling ewe division.

At the Cen-Tex Fair at Temple in August, Strickland showed the grand champion ewe. He took all honors in the yearling ewe and yearling lamb classes, placing first, second and third in both classes. In the ram lamb division he placed second and in the ewe lamb division, third and fourth.

He plans to take nine of his Registered Rambouillet to the State Fair at Dallas October 13.

Young Strickland was accompanied to the shows by his father, Bill Strickland, and McCulloch County Agent, Jimmy Cusenbary.

In Memoriam

MRS. JAMES L. NOGUESS

MRS. ALICE WHITAKER NOGUESS, 90, pioneer West Texas ranchwoman, died at her home in Menard, September 16.

Born Alice Whitaker Vaughan, a daughter of Mr. and Mrs. William James Vaughan, Mrs. Noguess recalled Indian raids and grim reconstruction days.

She married James L. Noguess in 1879 and the couple ranched in the Menard community until his death in 1914. After her husband's death, Mrs. Noguess continued her ranching activities until a few months prior to her death.

Surviving are two sons, William J. Noguess of San Angelo and J. D. Noguess of Menard; one sister, Mary Elizabeth Winn of Austin; four grandchildren and four great grandchildren.

W. G. CURRIE

W. G. CURRIE, 82, who has lived in Concho County 75 years, died at the Shannon Hospital, San Angelo, September 8.

Mr. Currie came with his parents to Concho County in 1879. He was reared on a ranch and ranched in Tom Green and Concho Counties. He was a member of the Texas Sheep and Goat Raisers' Association and the Texas Cattle Raisers Association.

Surviving are his wife; four sons, Herbert of Coleman, and Bill, Roy and Floyd of Paint Rock; five daughters, Miss Pearl Currie, Mrs. Willard Estep and Mrs. Ed Mosteller, all of Paint Rock, Mrs. Carroll King of Austin and Mrs. Sam Malone, Jr., of Pampa; nine grandchildren and three great-grandchildren.

MRS. J. L. BUTTRILL

MRS. J. L. BUTTRILL died at her ranch home near Lometa September 17.

Mrs. Buttrill was born in 1885 in a log cabin in northwest Lampasas County, a daughter of the late Augusta and William Wittenbug. She married Kirk Buttrill in 1908. Mr. and Mrs. Buttrill were active in the sheep and wool industry and maintained a high quality in the Wittenbug-Buttrill wool clip.

T. M. PHILLIPS

THOMAS M. PHILLIPS, 79, Menard County ranchman, formerly of San Angelo, was injured in a two-car wreck near Menard, September 1. He died in a Brady hospital September 2.

Surviving are two daughters, Mrs. Eva Mae Gary, Fort Worth, and Mrs. Florence Roberts, San Angelo; three sons, Leslie L. Phillips, San Antonio; J. H. Phillips, Bronte, and C. C. Phillips, Harper; three brothers, Bob Phillips, El Paso; J. L. and C. C. Phillips, both of Junction; four sisters, Mrs. John Eastman, Mason; Mrs. J. H. Northcutt, Mrs. George France and Mrs. W. F. Bishop, all of Junction; 18 grandchildren and 13 great-grandchildren.

Announcement . . .

We are pleased to announce that we have purchased the bulk of the outstanding registered Rambouillet flock of John Williams of Eldorado. These Rambouillet breeding sheep we believe to be some of the best in this country today, a flock built upon the work of George Williams and his son, John Williams.

The sales average and the show winnings record of this flock is one of the best in the industry.

We believe that John Williams' retirement is a real loss to the industry and we intend to carry on the careful work.

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FIRST STATE BANK, Uvalde

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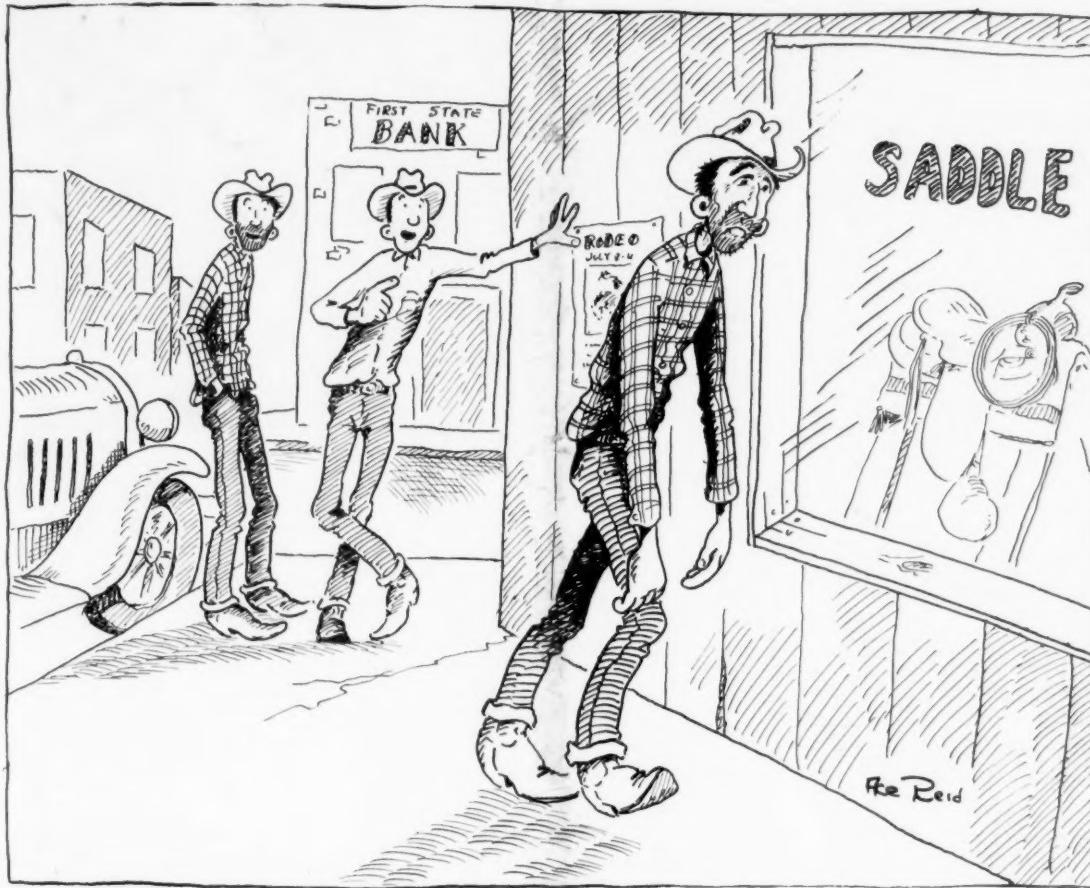
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